
GREGORY C. LOUI

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SUMMARY:

Gregory is a driven Speculative Designer and Indigenous Futurist who has spent the last six years learning about Speculative Fiction in relation to Arts, Culture and Technology, specifically Pacific Islanders. He has written over 1 million words worth of Speculative Fiction and World-building. He has also self-published one Fantasy novel. Lastly, he has won an award for his work in teaching underserved youth about Science-Fiction as a vehicle for cultural expression and analysis within San Diego. He seeks to pursue a career in Speculative Design and Pacific Islander Futurism to help both the world and honor his heritage.

EDUCATION:

- ❖ BA, University of California San Diego, La Jolla, CA:
 - Class of 2019, Speculative Design Major, GPA 3.931
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AWARDS & HONORS:

- ❖ Magna Cum Laude (GPA: 3.931/4.0)
 - ❖ Provost's Honors: Fall 2015-Fall 2018
 - Awarded every quarter to students who earn a grade point average of 3.5 or above with completion of twelve letter graded units
 - ❖ Jim and Julie Lin Breaking Barriers Award 2018
 - Awarded once a year to student who bring issues of equity, diversity, inclusion, compassion and social justice to light within the UC San Diego and the San Diego communities
 - ❖ UC Speculative Futures Research Grant
 - ❖ Peace Studio: 100 Offerings of Peace finalist
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HIGHLIGHTS:

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| ❖ Highly creative and exceptional at thinking outside of the expected | ❖ Expert in Speculative Fiction and Culture |
| ❖ Moderately skilled in Graphic Design | ❖ Extensive experience in Interdisciplinary Research |
| ❖ Well versed in all forms of Creative Writing | ❖ Detail-oriented Project Leader and Team Member |
| ❖ Experienced in Narrative Design and Editing | |
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POSITIONS:

Research Assistant, University of California, La Jolla, CA

September 2016 – June 2019

- ❖ Assisted Professor Lisa Lampert-Weissig in finding and categorizing historical books and documents on a variety of topics such as the Middle Ages or Nazi Germany

Intern, Arthur C. Clarke Center for Human Imagination, La Jolla, CA

April 2017 – August 2018

- ❖ Assisted in event planning and project management to facilitate Speculative Culture such as George R.R. Martin's visit to San Diego
- ❖ Helped operating the Clarion Science-Fiction Workshop
- ❖ Assisted Professor Viirre in creating a HAL 9000 Replica

BLUM Intern, University of California San Diego Cross Border Initiative, San Diego, CA

June – September 2018

- ❖ Studied immigration and urban conditions in the San Diego-Tijuana Cross-Border Region
- ❖ Assisted with out-door learning environment in South-East San Diego
- ❖ Ran writing workshops for underprivileged youth in South-Eastern San Diego
- ❖ Co-created a documentary on the current life and needs of Encanto and the Earthlab Community Station

Lab Assistant/Technical Writer, Fox Lab

September 2019 – March 2020

- ❖ Website Design: Creating the Fox Lab's website, designing the layout and filling it with content
- ❖ Writing grant proposals for the Lab
- ❖ Copy editing lab reports
- ❖ Assisting with lab organization and development

Co-Lead Writer, Project Monstrous

December 2018 – Present

- ❖ Core development: Brainstormed ideas, constructed compelling characters with backgrounds and personalities. Mapped out plot (beginning, rising action, climax, and resolution).
- ❖ Created a 100+ page worldbuilding manual for future use
- ❖ Edited rough draft of script
- ❖ Fleshed out the narrative with details and dialogue
- ❖ Organized group meetings with artists and co-lead writers

Researcher, Indigenous Futures Lab at UCSD, San Diego, CA

December 2019 – Present

- ❖ Website Design: Creating the lab's website, designing the layout and filling with content
- ❖ Writing grant proposals for the lab and forming future design projects based emerging technology and climate change in relation to Indigenous people
- ❖ Researching Indigenous futures projects and works throughout North America and the Pacific
- ❖ Researching possible research avenues for the lab

Executive Assistant, Pacific Marine and Supply Ltd., Honolulu, HI

June 2020 – Present

- ❖ Assisting the CEO with ventures and diversified projects from emerging PV to vertical farming
- ❖ Assisting the management implement COVID-19 testing to ensure military projects proceed safely
- ❖ Researching possible research avenues for the company
- ❖ Communicating with different specialists to implement cutting edge tech into Hawaiian businesses

PUBLICATIONS/EXHIBITIONS:

- ❖ Loui, Gregory. *21st Century Orc*. Amazon Digital Services LLC, 2017.
- ❖ Loui, Gregory. *Polynesian Futurism*, 2018, polynesianfuturism.wordpress.com/.
- ❖ Loui, Gregory. *Smart Tatau*, 2019, <https://smarttatau.wordpress.com/>.
- ❖ Loui, Gregory. *Catoptromancy*, 2019, University of California San Diego.
- ❖ Loui, Gregory. *Why Pasifika Futurism matters*, 2020, PRIMER2020 Conference.
- ❖ Loui, Gregory. *Pasifika Futurism for Hawaii Teens*, 2020, The Institute for Climate and Peace.
- ❖ Loui, Gregory. *100 Offerings of Peace: Human Sacrifice*, 2020, The Peace Studio.

INDEPENDENT PROJECTS:

Post-Apocalyptic Pacific Islander Survival Project

October 2018 – Present

- ❖ Compiling a 50+ page research manual on post-climate change conditions specific to Pacific Islanders
- ❖ Speculative scenario works on how Pacific Islanders will adapt to new conditions
- ❖ Design pieces on various technologies that Pacific Islander will use for survival such as Smart Tatau and filtration systems
- ❖ Drafting preliminary blueprints and artwork of various cities that could evolve in the Pacific after climate change such as underwater or floating on the ocean surface, and supporting technology and infrastructure that would be vital to survival
- ❖ Speculative fiction pieces depicting the point of view of Pacific Islanders reacting to events such as the great Pacific garbage patch

Pacific Islander Piracy Novel Manuscript

August 2019 – Present

- ❖ Creating 100+ page worldbuilding manual with references and research on real-world phenomena related to Pacific Islander culture and piracy
- ❖ Creating 30+ page character sheet that details character motives, appearance, background and other miscellaneous details
- ❖ Outlining, writing and editing a 100,000+ word novel manuscript about a Pacific Islander pirate crew after they find an endangered animal that the whole world desires

Mokuhou: Connecting a Sea of Islands

March 2020 – Present

- ❖ Creating a speculative project designing a floating city to provide climate-change resistant housing and act as a modular network between Pacific Islands
- ❖ Researching current floating city and habitation projects around the world
- ❖ Researching emerging technology such as drone ports and atmospheric water generators that can be adapted to overcome the challenges of living at sea
- ❖ Designing 1st generation, 2nd generation and far future iterations of the Mokunui fleets
- ❖ Approved for funding by the University of California San Diego Speculative Futures Group

CO-CURRICULAR PROJECTS:

Speculative Design AI Project, University of California San Diego

October – December 2016

- ❖ Identified critical research and development variables in the development of future AI systems
- ❖ Produced images of potential application of AI systems and the consequences of the systems
- ❖ Reported on potential future scenarios with extrapolation on socio-political levels for peer review

Speculative Design Biotech Project, University of California San Diego

January – March 2016

- ❖ Created a scenario based on critical variables in the development of Biotechnology
- ❖ Presentation with a single type of genetic modification and societal repercussions on spread of the biotechnology into civilian markets

Computer Science Website Design, University of California San Diego

March – June 2016

- ❖ Designed a website on the University of California San Diego server using Notepad++ & HTML code
- ❖ Coded hyperlinks and inserted working images

Speculative Design Future AI Project, University of California San Diego

March – June 2016

- ❖ Research emerging trends of technology and society to envision the future in 50 years
- ❖ Wrote a report on a possible scenario on AI legal affairs concerning a AI suing its human spouse

Independent Study, University of California San Diego

March – June 2016

- ❖ Completed and then edited a 165,000+ word manuscript in collaboration with Professor Rivera-Garza

Speculative Design 3-D Printing Project, University of California San Diego

September – December 2016

- ❖ Learned how to use Meshmixer to create 3-D models for 3-D printing
- ❖ 3-D Printed a statue based on Venus De Milo but with external attachments

Refugee Project, Design for America, University of California San Diego

September 2016 – June 2017

- ❖ Worked with a team of Human-centered Design students to improve Refugee education in San Diego
- ❖ Interviewed refugees and administration involved in refugee resettlement in El Cajon and City Heights
- ❖ Designed a handbook to help integrate refugees into US culture and school system
- ❖ Collaborated with Professor Don Norman at the Design Lab at UC San Diego

Independent Study, University of California San Diego

January 2017 – June 2017

- ❖ Completed, edited and then self-published a 100,000+ word manuscript in collaboration with Professor Potts

Birch Aquarium Exhibit, University of California San Diego

March – June 2017

- ❖ Worked with a team of students to create an exhibit for the Birch Aquarium using a multi-tiled display with Raspberry Pis
- ❖ Created Data Visualization charts of ocean data provided from Scripps Institute of Oceanography

Speculative Design Neural Network Project, University of California San Diego

March – June 2017

- ❖ Research emerging trends of technology and society
- ❖ Created a mock start-up to manufacture a Neural-networked device and app that monitored ovarian health
- ❖ Researched possible business avenues to market the product
- ❖ Practiced pitching the idea to investors
- ❖ Researched international patent and medical laws

HAL 9000 Project, University of California San Diego

June 2017 – December 2017

- ❖ Working with Professor Erik Viirre to create a voice and chatbot replica of Hal 9000 from the movie 2001, Space Odyssey
- ❖ Collaborating with the Company CereProc and Stephen Mendel (a voice actor) to create the voice files
- ❖ Collaborating with IBM to create the chatbot that will have the knowledge to act as if it were HAL 9000

Project Lead of Speculative System Design Project, University of California San Diego

September – December 2017

- ❖ Collaborated with a team of Speculative Design Students to research and design the future of the organ trade industry in the US
- ❖ Created a Speculative Scenario based on critical variables in the development of Stem Cell and AI technology
- ❖ Produced images and artifacts from this Speculative Scenario
- ❖ Designed an App Demo for quick Organ transplants from a telescopic system

Project lead of Mars Colony Speculative Project, University of California San Diego

April – June 2018

- ❖ Worked as Project Lead to organize an interdisciplinary team of undergraduates to design a future Mars Colony
- ❖ Researched the current knowledge of Mars and plans for a Mars colony with inspiration from various Space Agencies such as NASA or JPL
- ❖ Produced concept images of potential Mars colony with a non-standard, non-European influence on the design strategies

Polynesian Futurism Website, University of California San Diego

October – December 2018

- ❖ Created a website discusses the definition of Polynesian and Pacific Islander Futurism in relation to other forms of Futurism as well as the potential impact of Polynesian Futurism
- ❖ Researched the current field of Polynesian Futurism and notable Polynesian Futurists
- ❖ Produced concept images of Polynesian Futurism and beginning pages of a Polynesian Futurism Novel

Indigenous AI Project, University of California San Diego

October 2018 – June 2019

- ❖ Researching Indigenous ways of knowledge and learning, and then how to apply AI to those indigenous practices
- ❖ Speculating into different ways that AI and Indigenous practices could be combined
- ❖ Creating images and writing about AI being incorporated into Polynesian tattooing practices
- ❖ World-building a Future scenario focused on Pacific Islander and Indigenous peoples

ACTIVITIES & EXPERIENCES:

Director, Root Worlds Writing Workshop, University of California San Diego

January 2017 – June 2019

- ❖ Founder and Director of the Root Worlds Writing Workshop, a non-profit organization that teaches interdisciplinary skills
- ❖ Researching the San Diego Area and community partners to create a Science-Fiction Writing Workshop for lower-income High-school students who are underrepresented in the Speculative Fiction Genres
- ❖ Community Engagement with Professors at UCSD, teachers from High Tech High Chula Vista, and community leaders
- ❖ Crafting a Syllabus and curriculum to Common Core Standards to explore different interdisciplinary aspects of Speculative Fiction
- ❖ Held two events in the public, one on campus and one in the Malcolm X Public Library, funded by the University of California San Diego

President, Wordsmiths, University of California San Diego

September 2016 – June 2018

- ❖ Founded Wordsmiths, a UC San Diego writing group dedicated towards improving the craft of Speculative Fiction Writing
- ❖ Acted as President of the writing group until Spring of 2018
- ❖ Managed the writing group's schedule
- ❖ Recruited new members and introduced them to the ethics of the writing group
- ❖ Organized events on and off-campus for both members of the club and for members of the public

Board Member, UC San Diego Okinawan Karate, University of California San Diego

January 2016 – June 2019

- ❖ Began training Traditional Okinawan Karate at UC San Diego during Freshman Year
- ❖ Recruited new members and introduced them to the basics of our Okinawan Karate style
- ❖ Organized events on and off-campus for both members of the club and for members of the public

Board Member, UC San Diego Pacific Islander Student Association, University of California San Diego

June 2017 – June 2019

- ❖ Created a space and support group for Pacific Islander Student at University of California San Diego
- ❖ Recruited over twenty Pacific Islander students from University of California San Diego
- ❖ Organized General Body Meetings every month
- ❖ Reached out to various other Pacific Islander organizations in San Diego
- ❖ Collaborated with the San Diego State University Pacific Islander Student Association on various events

Head Coach, UC San Diego Mixed Martial Arts Club, University of California San Diego

September 2018 – March 2020

- ❖ Began training several students at UC San Diego the basic skills of Mixed Martial Art competition
- ❖ Recruited new members to form a group of fifty+ student and non-student members
- ❖ Organized practices and sparring sessions every week
- ❖ Acted as assistant coach then transitioned to head coach when previous coach left

Volunteer, The Afrofuturism Lounge Advisory Group, San Diego

January 2020 – Present

- ❖ Volunteering with event planning and execution
- ❖ Forming coalitions between futurism groups throughout San Diego

Communications Volunteer, Jackson Sayama Campaign 2020, Honolulu, HI

April 2020 – Present

- ❖ Volunteering with event planning and execution
- ❖ Writing for and designing campaign website
- ❖ Writing, editing and sending out campaign emails
- ❖ Advising on new projects and policy points

REFERENCES:

- ❖ Joseph Ruanto-Ramirez; Access Programs Advisor; phone: (858) 534-7205; email: j2ramirez@ucsd.edu
- ❖ Keolu Fox; Postdoctoral Scholar, Assistant Professor of Anthropology; email: pkfox@ucsd.edu
- ❖ Lily Hoang; Associate Professor of Literature, Creative Writing; phone: (858) 534-7329; email: lkhoang@ucsd.edu
- ❖ Lisa Lampert-Weissig; Professor of Literature; phone: (858) 822-0204; email: llampert@ucsd.edu
- ❖ Pinar Yoldas; Assistant Professor of Visual Arts; phone: (858)822-4147; email: pyoldas@ucsd.edu
- ❖ Stephen Potts; Lecturer of Literature; email: swpotts@ucsd.edu
- ❖ Teddy Cruz; Professor of Public Culture and Urbanism; email: etcruz@ucsd.edu
- ❖ Windi Sasaki; APIMEDA Program Manager; email: wsasaki@ucsd.edu