Clarisa Leu-Rodriguez | clarisaleu@gmail.com | clarisaleu.github.io/

EDUCATION

B.S. Computer Science
B.S. Applied Math (Focus: Discrete Math & Algorithms)
University of Washington – Seattle, WA
Expected Graduation: June 2021
Honors and Awards: Generation Google Scholarship
2019–2020, Motorola Solutions Scholarship 2019–2020,
GHC + Tapia '19 Scholar, BAVA Scholarship 2018–2019 &
2019–2020, Google Scholarship 2018–2019

A.S. Electrical and Computer Engineering
A.A. Computer Science
Tacoma Community College – Tacoma, WA
Graduated: June 2018
Distinction: High Honors
Honors and Awards: Student of the Year Finalist
2017–2018, Math Student of the Year Runner–Up
2017–2018
Activities: Developers Club, The Engineering Club

WORK EXPERIENCE

K–12 Computer Science Instructor | Coding With Kids | September 2019 – Present
- Instruct K–12 students on a variety of programming languages, general computer science topics, and critical thinking exercises. Primary development languages include Python, JavaScript, and MIT's Scratch.

Incoming Software Engineering Intern | Facebook | June 2020 – September 2020
- Incoming Software Engineering Intern in Seattle, WA office for Summer 2020

Facebook University for Engineering Intern – Android Development | Facebook | June 2019 – August 2019
- Highly competitive internship program for first and second year students with 4% acceptance rate
- Learn basics of Android Development through accelerated CodePath program
- Collaborate with two other FBU interns to design and build a travel application
- Gain skills in software engineering, product development, application design and philosophy in small team setting

Student MATLAB Ambassador | MathWorks | November 2018 – August 2019
- Implement creative ideas for spreading awareness for the MathWorks brand and products among students.
- Promote MathWorks presence on campus and demonstrates MATLAB software applications through planned monthly events.

Software Engineering Intern | CueMed Inc. | June 2018 – September 2018
- CueMed Inc. is a digital health hardware startup focused on improving medication adherence and health conditions with chronic conditions.
- Implemented maintainable front–end and back–end code based on design specification in ReactJS, NodeJS, CSS/SASS, TypeScript, JSON, and vanilla JavaScript.

RESEARCH EXPERIENCE

Undergraduate Research Assistant | Dr. Eric C. Ford & Dr. Dolla Toomeh @ UW Medical Center | November 2018 – June 2019
- Our goal was to create a new generation of devices that provide advanced Radiation Therapy more affordably to ease global health disparities.
- Project is featured in *The Physics World* (thephysicsworld.com) Top 10 Breakthroughs of 2018.
- Researched novel design of physical compensator based IMRT device on team and implemented physical compensator in Python script connected to planning software (RayStation).
- Collected, analyzed, and clearly summarized data using a variety of techniques and technologies including MATLAB, Excel, Jupyter Notebook, and Python.

Undergraduate Research Assistant | Dr. Ka Yee Yeung @ University of Washington Tacoma | June 2018
- Our goal was to contribute to a crowdsourcing project to build predictors to distinguish people who became contagious or develop symptoms after exposure to the flu or other respiratory viruses.
- Analyzed and summarized large amounts of biological data in R and Jupyter Notebook using statistical methods.

LEADERSHIP EXPERIENCE & EXTRACURRICULARS

Associate Officer | University of Washington CSE ACM Chapter | October 2019 – Present
- Support initiatives led out by ACM within the Paul G. Allen School.

SWE Hacks19 Organizing & Leadership Team | Public Relations Committee Member | November 2018 – April 2019
- Organized SWE Hacks19, the collegiate hackathon hosted by the Society of Women Engineers (SWE) chapter at the University of Washington, on appointed team of committee members.