

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

Facebook University for Engineering Intern – Android Development | Facebook | June 2019 – August 2019

- 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 – Present

- 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.

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.

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.

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.

Mathematics Tutor & Front Desk Staff | Tacoma Community College @ MARC | January 2017 – June 2018

- Simplified and effectively communicate complex math problems to students in simple terms and coached them to strategically think about abstract problem-solving under pressure.
- Created handouts and study aides for statistics students to be used by the college.
- Certified International Math Tutor – College Reading & Learning Association (CRLA) Level II Certificate

LEADERSHIP EXPERIENCE & EXTRACURRICULARS

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.
- Led all communications between sponsoring companies, participants, and judges.

Hackathon Participant | January 2018 – Present

- Hacked in over 14+ local, national, and collegiate hackathons