

# Clarisa Leu | clarisaleu@gmail.com | 206.321.3257

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## EDUCATION

### **B.S. Computer Science**

### **B.S. Applied Math (Focus: Discrete Math & Algorithms)**

### **Intended Minor: Statistics**

University of Washington – Seattle, WA

Expected Graduation: December 2020

Honors and Awards: Google Scholarship 2018–2019,

BAVA Scholarship 2018–2019

Activities: Open-Source Club, SWE Chapter Member

### **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

### **Student MATLAB Ambassador** | MathWorks | November 2018 – Present

- Implements creative ideas for spreading awareness for the MathWorks brand and products among students. Promotes MathWorks presence on campus and demonstrates MATLAB software applications through planned monthly events.

### **Undergraduate Research Assistant** | Dr. Eric C. Ford @ UW Medical Center | November 2018 – Present

- Our goal is to create a new generation of devices that provide advanced Radiation Therapy more affordably to ease global health disparities.
- Researches novel design of physical compensator based IMRT device and implements physical compensator in Python script which is connected to RayStation.

### **Student IT Consultant** | University of Washington @ UW-IT | September 2018 – November 2018

- Provided Tier 1 Support for Microsoft, Mac, and Unix-based operating systems by phone, email, and in person for University systems and tracked requests through tracking system.
- Consulted with experts that support the technological needs of the University of Washington and used skilled of observations in order to resolve issues for customers.

### **Software Engineering Intern** | CueMed Inc. @ Front-End Team | 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 communicated complex math problems to students in simple terms and coached them to strategically think about abstract problem-solving under pressure.
- Certified Tutor – College Reading & Learning Association (CRLA) Level II Certificate

## LEADERSHIP EXPERIENCE & EXTRACURRICULARS

### **SWE Hacks19 Organizing & Leadership Team** | Public Relations Committee Member | November 2018 – Present

- Organizes 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.

### **Hackathon Participant** | January 2018 – Present

- Hacked in over 14+ local, national, and collegiate hackathons
- Placed in 70% of hackathons where a prize was offered
- Most notable projects include redesigning a website in WordPress for a non profit organization in under 36 hours at Seattle GiveCamp 2018. See project here: <http://ststephenhousing.org/>
- Favorite projects include developing a livestream VR of 360 degree video in under 36 hours at SheHacks 2018 hosted by Boston University. See project here: <http://github.com/clarisaleu/Leonardo>