

# Clarisa Leu-Rodriguez

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## EDUCATION

### University of Washington

**B.S. in Computer Science**

Expected Jun 2020 | Seattle, WA

Clubs:

Open-Source Club

Scholarships:

Google Scholarship 2018-2019

BAVA Scholarship 2018-2019

### Tacoma C.C.

**A.S. in Computer Engineering**

**A.A. in Computer Science**

Aug 2018 | Tacoma, WA

Clubs:

The Engineering Club, The

Developers Club, The Pacific

Islanders Club

Societies:

Phi Theta Kappa Honor Society

Distinctions:

Graduated with High Honors

Cum. GPA: 3.83

## LINKS

Github:// [clarisaleu](#)

LinkedIn:// [clarisaleurodriguez](#)

DevPost:// [clarisaleu](#)

## COURSEWORK

### In Progress

Fall 2018

CSE 311: FDNS of Computing I

CSE 351: The HW/SW Interface

Winter 2019

CSE 312: FDNS of Computing II

CSE 332: Data Abstractions

CSE 333: Systems Programming

### Completed

O.O. Programming (Java)

Numerical Methods (MATLAB)

Unix Tools and Scripting

Intro. to Electrical Circuits

## SKILLS

### Programming

Languages:

Java • JavaScript • MATLAB

Mathematica • Bash •  $\text{\LaTeX}$

Web:

HTML/5 • CSS/SASS • JSON

NodeJS • ReactJS

Development Tools:

Visual Studios • Git • Eclipse

Jupyter Notebook • OpenShift

## EXPERIENCE

### University of Washington | Student IT Consultant at UW-IT

Sep 2018 - Present | Seattle, WA

- Provides Tier 1 support for Microsoft, Windows, Mac and Unix-based operating systems by phone, email and in person for University systems.
- Consults with experts that support the technological needs of UW and uses skills of observations and analysis in order to resolve technical issues for customers.

### CueMed Inc. | Software Engineering Intern

Jun 2018 – Sep 2018 | Seattle, WA

- Implemented maintainable front-end and back-end code based on design specifications in primarily ReactJS, NodeJS, CSS/SASS, TypeScript, and vanilla JavaScript.
- Also worked on the activity team helping to integrate fitness monitoring into mobile app.

### University of Washington | Research Assistant

Jun 2018 | Tacoma, WA

- Summer research program with a focus on bioinformatics, statistical computing, and data science.
- Worked on a team contributing to a crowd-sourcing project to build predictors to distinguish people who become contagious or developed symptoms after exposure to the flu or other respiratory viruses.
- Analyzed and summarized large amounts of biological data in R using statistical methods and formulas.

### Tacoma C.C. | Mathematics Tutor & Front Desk Staff

Jan 2017 – Jun 2018 | Tacoma, WA

- Daily assisted over 35 undergraduate students with one on one, drop in based tutoring with various math subjects in tutoring center with a 10 to 1 student to tutor ratio in a fast-paced environment.
- Simplified and effectively communicated 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.

## SELECTED PROJECTS

### Online Ordering Web Application | Open Source Project (Team)

Jun 2018 | Tacoma, WA

Built an online ordering web application with team for mock-up diner with HTML/5, CSS/3, JavaScript (React for UI), MySQL, NodeJS, Express, RDS/AWS, and Semantic UI. Won 1st Place in ReadyHackerOne Hackathon by Exsilio Solutions in Redmond, WA.

### Weather Web Application | Open Source Project (Individual)

Jun 2018 | Tacoma, WA

Built an online weather web application which displayed the current weather forecast to console in a user specified city using the OpenWeatherMap.org API and NodeJS. Containerized using Red Hat's OpenShift Platform.

## HONORS & AWARDS

Oct 2018 2nd Place

Sep 2018 3rd Place

Jun 2018 1st Place

Apr 2018 Finalist

Apr 2018 Runner Up

Mar 2018 National MLH

Jan 2018 National MLH

VetHacks Seattle by Patriot Bootcamp

HACKtheMACHINE by the US Navy: DevOps Track

Ready Hacker One Hackathon - Exsilio Solutions

Ellen Pinto Outstanding Student of the Year - Tacoma C.C.

Outstanding Mathematics Student of the Year - Tacoma C.C.

HackTech - Best Domain Name from Domain.com

SheHacks - Best Category Hack: VR/AR Impact