

# Clarisa Leu-Rodriguez

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## EDUCATION

### UNIVERSITY OF WASHINGTON

#### BS IN COMPUTER ENGINEERING

Expected Sep 2020 | Seattle, WA

Cum. GPA: 3.86/4.0

### TACOMA C.C.

#### AA IN COMPUTER SCIENCE

#### AS IN COMPUTER ENGINEERING

Jun 2018 | Tacoma, WA

#### Clubs:

The Engineering Club, The Developers Club, The Pacific Islander Club

#### Societies:

The Phi Theta Kappa Honor Society

#### Distinctions:

Graduated with High Honors

Cum. GPA: 3.83 / 4.0

## LINKS

Github:// [clarisaleu](#)

LinkedIn:// [clarisaleurodriguez](#)

DevPost:// [clarisaleu](#)

## COURSEWORK

### UNDERGRADUATE

Object-Orientated Programming (Java)

Numerical Methods (MATLAB)

Linear Algebra

Multivariable Calculus

Differential Equations

Intro to Electrical Circuits

Unix Tools and Scripting

## SKILLS

### PROGRAMMING

#### Languages:

Java • JavaScript • MATLAB • R

Mathematica •  $\LaTeX$  • Python • Bash

#### Web:

HTML/5 • CSS/3 • JSON • NodeJS

ExpressJS • ReactJS • Firebase

#### Development Tools:

Visual Studios • Git • Eclipse • Android

Jupyter Notebook • Docker

### CERTIFICATIONS

Accredited Lifetime Certified

Mathematics Tutor - Level 1 & 2

## EXPERIENCE

### CUEMED | SOFTWARE ENGINEERING INTERN

Expected Jul 2018 – Sep 2018 | Seattle, WA

- Worked on the activity team in primarily React Native and vanilla JavaScript to integrate fitness monitoring into mobile app.

### UNIVERSITY OF WASHINGTON | RESEARCH ASSISTANT

Jun 2018 | Tacoma, WA

- Summer research program with a focus on bioinformatics, biostatistics, statistical computing, and data science.
- Worked on a team contributing to a crowdsourcing project to build predictors to distinguish people who become contagious or develop symptoms after exposure to the flu or other respiratory viruses.
- Analyzed and summarized large amounts of 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 both the Business Education Center and Math Advising Resource 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.

## PROJECTS

### ONLINE ORDERING WEB APPLICATION | OPEN SOURCE PROJECT

Jul 2018 | Redmond, WA

Built an online ordering web application for mock-up diner with HTML/5, CSS/3, JavaScript (React for UI), MySQL, NodeJS, Express, RDS/AWS, and Semantic UI.

### WEATHER WEB APPLICATION | OPEN SOURCE PROJECT

Jun 2018 | Tacoma, WA

Built an online weather web application which displayed the weather forecast to console in a user specified city using the OpenWeatherMap.org API and NodeJS

### RANDOM MEME GENERATOR | OPEN SOURCE PROJECT

Feb 2018 | Chicago, IL

Built an online web application which makes API calls to Reddit using JSON and parses the images so that they can be displayed to the user based on three meme categories.

## AWARDS

Jun 2018 1st/20 Ready Hacker One Hackathon - Exsilio Solutions

Apr 2018 Finalist Ellen Pinto Outstanding Student of the Year - Tacoma C.C.

Apr 2018 Runner Up Outstanding Mathematics Student of the Year - Tacoma C.C.

Mar 2018 National HackTech - Best Domain Name from Domain.com

Jan 2018 National SheHacks - Best Category Hack: VR/AR Impact