

Clarisa Leu-Rodriguez

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EDUCATION

UNIVERSITY OF WASHINGTON

BS IN COMPUTER ENGINEERING

BA IN BIOCHEMISTRY

Expected Sep 2021 | Seattle, WA

Cum. GPA: 3.86/4.0

TACOMA C.C.

AA IN COMPUTER SCIENCE

AS IN COMPUTER ENGINEERING

Aug 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

In Progress

FDNS of Computing I (Fall 2018)

The HW/SW Interface (Fall 2018)

FDNS of Computing II (Winter 2018)

Data Structures (Winter 2018)

Completed

Object-Orientated Programming (Java)

Numerical Methods (MATLAB)

Unix Tools and Scripting

Linear Algebra

Multi-variable Calculus

Intro. to Electrical Circuits

SKILLS

PROGRAMMING

Languages:

Java • JavaScript • MATLAB • R

Mathematica • Python • Bash • \LaTeX

Web:

HTML/5 • CSS/3 • JSON • NodeJS

ExpressJS • ReactJS • Firebase

Development Tools:

Visual Studios • Git • Eclipse • Android

Jupyter Notebook • Docker • AWS

EXPERIENCE

CUEMED | SOFTWARE ENGINEERING INTERN

Expected Jul 2018 – Nov 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.
- Worked on the activity team 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 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 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 current 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 to be displayed to the user based on three meme categories.

HONORS & AWARDS

Jun 2018 1st/20

Apr 2018 Finalist

Apr 2018 Runner Up

Mar 2018 National

Jan 2018 National

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