# Koryn Leslie-Arcaya

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Portland, OR

## Education

**Bachelor of Science,** Computer Science, Oregon State Ecampus (OSU) GPA: 3.58/4.0
Post Baccalaureate degree Graduated: 09/2019
**Bachelor of Science,** Biology, Oregon State University (OSU), Corvallis GPA: 3.31/4.0
Minors: Spanish and Chemistry Graduated: 08/2015

## Skills

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|---|---|
| **Languages** | Python, Java, Bash, HTML, CSS, JavaScript, C++, C |
| **Tools** | Git, SVN, Perforce, vim, Visual Studio IDE, GNU Debugger, MySQL, Node.js, React |
| **Concepts** | Agile methodology, SCRUM process, data structures, OOP, algorithms |

## Experience

**Software Engineering Intern,** Intel Corporation 08/2018 - 08/2019

- Interned with the programmable solutions group to validate FPGA hardware using Bash and Python scripting languages
- Developed a driver to access register components of FPGA hardware using hardware specification documents and Python. This created a framework allowing global Intel validation engineering teams to automate the hardware verification process.
- Updated shared code in Git and SVN to meet test plan specification

**Manufacturing Technician,** Intel Corporation 12/2015 - 08/2018

- Took initiative in an autonomous work environment
- Worked effectively in a team setting to maintain equipment without compromising high output yields and quality
- Debugged equipment when nonstandard events occurred thereby preventing a reduction in wafer output

**Customer Service Representative,** University Housing and Dining Services 08/2012 - 06/2015

- Processed facility work orders, room change or cancellation forms, and other time-sensitive paperwork while adapting to changing procedures
- Communicated with customers using Microsoft Outlook and telephone on a tight timeline to ensure questions regarding procedures and services were fully understood

## Projects

**The Plant Journal**

A website that allows a user to enter data about their plant to keep track of its growth. The user creates and logs into their account with the Cognito service, and their associated data and files are kept in DynamoDB/S3 bucket. This was created with Javascript, React, Bootstrap/CSS, Node.js and the AWS Lambda serverless infrastructure.

**Oregon COVID-19 Tracker** **bit.ly/3d3MaXR**

A web application that displays Coronavirus changes, overtime regional graphs for county data, and Oregon total case graphs. This was created with React, D3.js, Node.js/Express, and PostgreSQL. The data is scraped from the OHA website daily using Python. This has been deployed with Heroku.

**Chat Client**

Allows clients on different servers to send messages to each other with socket manipulation. This project was created using C++ and Python.