

Koryn Leslie-Arcaya

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Portland, OR

Education

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

Skills

Languages	Python, Java, Bash, HTML, CSS, JavaScript, C++
Tools	Git, SVN, Perforce, Linux, vim, TravisCI, MySQL, Node.js, React
Concepts	Agile methodology, SCRUM process, data structures, OOP, algorithms

Projects

The Plant Journal	bit.ly/30zT57m
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. This was created with Javascript, React, Bootstrap/CSS, Node.js, and the AWS Lambda serverless infrastructure.	
Oregon COVID-19 Tracker	bit.ly/2PrU6b4
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. The website can be viewed here: bit.ly/3d3MaXR	
Guinea Pig Facts	bit.ly/3ieFoQZ
A REST API that allows a client to add and view facts about guinea pigs. The API has been integrated with TravisCI for automated testing and was manually tested with Postman. This was created with MongoDB Atlas, Spring Boot/Java, Junit, and Mockito.	
The Adventure Game	bit.ly/31tICJI
Collaborated in a group of 3 to create a space themed command line adventure game that uses natural language processing. Main developer of the UI, descriptor files, and the save and load system. This allowed the user to see a rich interface and to come back to the game at a later time. This project was created using C++11.	

Experience

Software Engineering Intern , Intel Corporation	08/2018 - 08/2019
<ul style="list-style-type: none">• Interned with the Programmable Solutions Group to validate FPGA hardware using the command-line interface with Bash and Python scripting languages.• Developed a driver to access register components of FPGA hardware in an Agile environment using hardware specification documents and Python. This created a framework allowing global Intel validation engineering teams to automate the hardware verification process.	
Manufacturing Technician , Intel Corporation	12/2015 - 08/2018
<ul style="list-style-type: none">• Worked effectively in a team setting to maintain equipment without compromising high output yields and quality• With high attention to detail debugged equipment when nonstandard events occurred thereby preventing a reduction in wafer output	