Daniel Green

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Summary

GPA: 3.74

I am currently in my senior year pursuing a degree in Computer Science, a goal that represents the culmination of over a decade of programming experience.

My introduction to computer coding truly began with a naive installation of Xubuntu. What followed was years of learning Bash and Python scripting, C programming, UNIX inter-process communication and file structure; socket programming, and a growing interest in FOSS and Cloud Applications.

While the scope and size of the problems I encounter have changed, my willingness to learn and work cooperatively with others has not. I look forward to contributing to a team of like-minded individuals, while working toward developing solutions to benefit the greater technology community.

Experience

College of Engineering (Oregon State University) — CORVALLIS OR, USA

Peer Tutor - Computer Science — *Feb '20 – Present*

I help students with various computer science courses.

BRI Associates — PORTLAND OR, USA

Full-Stack Developer Intern — *Sept '19 – Present*

Developed and implemented a messaging feature extension for a cloud application. Integrated Microsoft Teams through the Graph API into a modern web app to help users more easily communicate and share information using existing tools. I routinely work with NoSql databases, Azure AD, Docker, Vue.js and Nodejs/Express

CDK Global — PORTLAND OR, USA

Software Engineer Intern — *June '19 – Sept '19*

Designed and implemented a solution to fix a security hole in a back-end REST API. The solution was implemented as a full-stack web service, using PHP, PostgreSQL, and Java/Spring-Boot framework. I Wrote unit tests and fixed mutation tests using Bamboo Build and Sonar CI/CD. I Tracked progress and issues using Jira and Confluence project management software. Pre-production testing was done using Docker. The security fix was deployed to production and is currently being used internally by various teams at CDK.

Openly Published Environmental Sensing Lab (Oregon State University) — CORVALLIS OR, USA

Software Developer — *March '19 – Sept '19*

Contributed to an existing IoT Arduino Framework written in C++. Attended weekly meetings with multiple groups, collaborated on multiple software projects with a team of 4-5 people, and planned and made time estimates for various deadlines. Used Github and wiki software for project management and issue tracking. Developed a Nodejs application interface for creating Arduino sketches.

Portland Community College — PORTLAND OR, USA

Media Tech Services — *'13 – '15*

Took help calls from instructors. Assembled smart-classroom tech. Remotely managed Crestron Digital Processors. Diagnosed all varieties of computer problems.

Pro Guitar Shop — PORTLAND OR, USA

Customer Service & Web Developer — *July '11 – Sept '12*

Managed an E-commerce website using JavaScript and JQuery. I routinely spoke with customers as well as worked on website maintenance. I also photographed new gear and edited the images for use on the company website.

Education

Oregon State University — CORVALLIS OR, USA

Bachelor's of Science in Computer Science — *May'18 – Present*

Awards: College of Engineering Dean's List, 2018-19 school year

Relevant Coursework: Databases, Networks, Data Structures, Modern Web Development, Cloud Application Development, Operating Systems, Analysis of Algorithms, Software Engineering, Computer Architecture & Assembly, Discrete Math

Linn-Benton Community College ALBANY OR, USA
Oregon Two-Year Transfer Degree *May '16 – Sept '18*
Awards: Received the Steve & Margret Rasmussen Physics Scholarship; Graduated with honors.

Skills

Technical

Languages:
Python, Java, C/C++, PHP, SQL, React.js, Javascript, Nodejs, LaTeX, AVR Assembly, Verilog, *NIX Shell

Databases:
SQL/MySQL, PostgreSQL, MariaDB, NoSQL, MongoDB

Frameworks:
Java Spring-Boot, ExpressJS, ReactJS, Ninja (Java)

SaaS and PaaS:
Amazon Web Services, Google Cloud, Docker

Buisness Tools:
Atlassian Jira, Confluence

DevOps:
Liquibase, Git/Github/Bitbucket, Stash, Atlassian Bamboo Build, SonarQube, Travis CI, Fiddler

Methodologies:
Agile (Scrum and Kanban), Continuous Integration (Travis and Bamboo), Test Driven Development (TDD)

Non-technical

Problem Solving:
I enjoy diagnosing software bugs and creatively finding solutions

Communication:
My experience in various professions has made me a skilled communicator that can easily adjust to fit my audience.

Adaptable/Quick Learner:
Given a problem statement I am capable of using existing resources and research techniques to develop and implement a working solution