Sam Little

Graduate Student from Portland State University seeking Software Development position

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EDUCATION

Portland State University — *BS, MS Computer Science*

2015 - 2019 BS, 2020 - 2022 MS   Graduate GPA: 3.91

EXPERIENCE

Citifyd — *Software Development Intern*

December 2021 - July 2022

Developed computer vision software for efficient detection of vehicles on edge devices and AWS cloud servers

Researched, trained, and integrated state-of-the-art deep neural network models for tasks including vehicle detection, vehicle make and model detection, color detection, and license plate reading into the existing vision system

Integrated Docker containers into vision system, allowing for easy deployment and configuration on AWS

Configured vision system for use with various types of IP cameras, including some with onboard NVIDIA Jetson Nano boards, for which the product was configured for Tegra hardware, leveraging CUDA to work with the onboard GPUs

Participated in an Agile development environment with 1-week sprints, daily standups, and weekly demo meetings

Portland State University — *Systems Administrator (Student Position)*

December 2017 - March 2019

Helped to manage a 6000+ fleet of Windows and macOS client devices for Portland State University

Packaged applications and software updates which were deployed to thousands of computers using Jamf & SCCM

Assisted with development of a bootable Windows PE-based environment for backup / re-image of campus computers

Collected system reports on underperforming machines using automated scripts. Created data visualizations that covered hardware status, security events, boot times, etc. with Splunk and Power BI to be presented at meetings.

Successful in decreasing average login times on thousands of campus computers by a few seconds using boot WPA data.

Developed bots to perform manual processes, the largest of which replaced a significant portion of the application update process. Applications with new updates were emailed to the staff and turned into packages, saving many hours of work.

Portland State University — *Desktop Service Technician, Workbench Lead*

November 2015 - December 2017

Led a team of up to 6 technicians responsible for troubleshooting, repairing, & replacing Windows and macOS computers.

Wrote workflows for use by the whole team, including ones to retrieve data from failing drives in a safe way, created virus isolation procedures, Linux workflows.

Wrote many bash / PowerShell scripts to automate parts of the workflow with written documentation.

Received awards and acknowledgement for highest productivity on the team during a few different months.

Jet Global Data — *Software Development Intern*

Summer 2015, 2018, 2019

Developed software tools to be used by the system administrators. Tools developed were for data processing, automating workflow, providing frontends for existing tools, retrieving data- written in PowerShell / Bash, C#, Node.js

Wrote documentation, produced around 20 tutorial videos about the product and Power BI for end users and internal staff. Helped to configure the building's network and infrastructure.

LANGUAGES   Python, JavaScript, C++, Java

SKILLS   Linux, MERN Stack, Docker, AWS, SCCM, Jamf, Active Directory

SELF STUDY

Modern HTML & CSS From The Beginning, Modern JavaScript From The Beginning, React Front To Back, MERN Stack Front To Back, MERN eCommerce From Scratch, Node.js API Masterclass with Express & MongoDB, Bootstrap 4 From Scratch, 50 Web Projects With Vanilla Javascript, & Others