MATTHEW GEARY

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EDUCATION

Master of Science in Computer Science   *Portland State University, June 2020*

Bachelor of Science in Economics   *Portland State University, Dec. 2016*

INDUSTRY EXPERIENCE

DevOps Intern at Tripwire Inc   *July 2019 - December 2019*

- Built a modular library and corresponding command-line tool using Go with the objective of automating cloud deployments at scale. The library leveraged vSphere APIs to allow a user to easily deploy hundreds or thousands of VMs of any given number and variety while also handling configuration via Chef. The library was built in a modular fashion to enable future use through a web portal, future expansion to AWS, and use with additional configuration management tools.
- Worked closely as part of the Performance and Automation Team to gather requirements, select languages, libraries and frameworks, and execute the project using version controlled repositories with team-reviewed pull requests, pipeline automation, and thorough unit testing.

Technical Skills: Chef, Docker, Git, Go, Jenkins, Linux, Python, Shell, Vagrant, vSphere

DevOps Intern at Viewpoint Software   *January 2019 - June 2019*

- Implemented automated version reporting for key third-party applications across server inventory. Using Datadog and deployment scripts, version data could be periodically gathered for thousands of servers and displayed in a single visualization, allowing outdated or specialty software versions to be easily tracked. This was beneficial to the entire Cloud Operations team as well as project leaders.
- Spun up production cloud environments for customers while deploying or updating software and scripts across a wide range of production servers.

Technical Skills: Azure DevOps, Datadog, SQL Server, PDQ Deploy, PowerShell

Development Intern at Multnomah County   *July 2018 - Dec. 2018*

- Worked on the Web Development Team using the Drupal content management system, helping to close tickets for both front-end and back-end tasks.
- Overhauled the employee profile section for the internal county website to increase usefulness and usability, working under the leadership of a Senior Front End Engineer.

Technical Skills: Drupal, Git, JavaScript, LAMP, PHP, Pivotal Tracker, Sass

LANGUAGES

Preferred:	Go, Python, Rust
Proficient:	C/C++, Java, Shell
Prior Exp:	C$\sharp$, SQL, JavaScript

OTHER EXPERIENCE

Jr. Trip Lead, PSU Outdoor Program	*01.2018 - 01.2020*
Logistics Coordinator, b-glowing	*03.2017 - 09.2017*
Bartender, Pips & Bounce	*06.2015 - 04.2017*