Nicholas Gilbert

gitlab.gilbertdev.net — github.gilbertdev.net

gilben1.github.io   Beaverton, OR

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EDUCATION

- **Portland State University**   Portland, OR
  Bachelors of Science in Computer Science; Cumulative GPA: 3.95   *September 2015 - June 2019*

EXPERIENCE

- **CorVel Corporation**   Portland, OR
  Systems Administrator / Systems Engineer   *June 2019 - Present*
  - **Cloud Administration**: Maintained and created Infrastructure as Code (IAC) templates, pipelines, and applications deployed to Azure cloud services.
  - **Deployment Framework Development**: Modernized an old on-premises deployment mechanism to utilize Azure DevOps build and release management, using a custom deployment script structure.
  - **Customized Reporting**: Created customized reporting solutions for release and security standing using various mechanisms, including REST API calls and Azure Log Analytics for data collection. Leveraged Power Bi for report generation and data visualization.
  - **Automation**: Created Systems Center Orchestrator and Azure Automation runbooks to automate tasks and maintain alerting mechanisms.

- *Systems Administration Intern*   *May 2018 - June 2019*
  - **Systems Administration**: Managed and maintained Windows desktop and server ecosystem. Utilized enterprise solutions for device monitoring, compliance, and troubleshooting.
  - **Remediation and Extension**: Developed solutions in Powershell and C# for issue remediation and for extending functionality of the desktop environment. Deployed solutions to company workstations using SCCM.
  - **DevOps Proof-Of-Concept**: Created proof-of-concept Azure DevOps Build and Release Pipelines to deploy websites to on-premises servers.

- **Portland State University Department of Computer Science**   Portland, OR
  Computer Science Tutor   *April 2017 - May 2018*
  - **Tutoring**: Aided and instructed students in understanding important undergraduate Computer Science concepts and techniques, including data structures, object oriented programming, computer science theory, and low level programming.

PROJECTS

- **ROBOTIS OP3 - Portland State University Capstone**   C++, HTML, Javascript
  op3-tools.gilbertdev.net, op3-demo.gilbertdev.net   *January 2019 - June 2019*
  - **Vision Detection Enhancements**: Developed and implemented a probability-based vision detection algorithm to improve detection of a ball for a humanoid robot's on-board camera.
  - **Cross Platform Bridge**: Created bridge for new tuning elements in the broadcast web interface to core operating service using ROS modules.
  - **Collaboration**: Worked on a team of seven under a team lead to deliver the final software product enhancements. Negotiated product requirements with the client and delivered upon those requirements as a group.

- **Personal Homepage**   Elm, HTML, CSS, Javascript
  https://gilben1.github.io
  - **Projects Showcase**: Website written in Elm using Bootstrap 4, intended to showcase additional projects and interests not listed in this resume.

SKILLS

Programming Languages	Platforms	Technologies
C, C++, C#, Java, Javascript	Ubuntu Linux	Git, TFS
Python, Bash Scripting, Powershell	Windows 7, Windows 10	SCCM, Active Directory
Haskell, Elm, HTML, CSS	Windows Server 2012 - 2019	Bash, QEMU, Visual Studio
SQL	Microsoft Azure	Azure DevOps, Docker