Adrian Lam

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TECHNICAL SKILLS

Languages: Python, Golang, C/C++, Java, Bash, Javascript, HTML, CSS, JSON, Lua
Technologies: Terraform, AWS, Linux/Unix, GitLab, JIRA, Docker, Grafana, PostgreSQL, MongoDB, HashiCorp, Coverity, React.js, Django, Bootstrap, JUCE

WORK EXPERIENCE

BlueCat Networks, Toronto, ON   **Sep 2022 - Aug 2023**
Software Developer Co-op
- Contributed to the development and design of BlueCat's Service Points in an agile team environment
- Deployed and managed cloud resources using Terraform
- Enhanced Grafana dashboards for improved observability
- Monitored automated daily tests and fixed any bugs caught by the tests
- Integrated automated Coverity scans in GitLab to detect security and quality defects in our codebase

Lanner Electronics Inc., Mississauga, ON   **Jul 2018 - Dec 2021**
Computer Technician
- Tested, diagnosed, and repaired network appliances returned from customers such as AT&T and Arctic Wolf
- Ensured that products assembled by technicians meet the requirements of the client's orders
- Coordinated with technicians, quality manager, and sales to resolve any issues found during the quality control process
- Assembled and tested products based on standard operating procedures

EDUCATION

University of Toronto Mississauga   **Sep 2018 - Apr 2024**
Bachelor of Science, Computer Science
- Relevant courses: Introduction to Databases, Algorithm Design and Analysis, Data Structures and Analysis, Introduction to Software Engineering, Probability and Statistics, Software Tools and Systems Programming, Programming on the Web, Principles of Computer Networks, Operating Systems

PROJECTS

Delay Chorus Plugin (Individual)
- A delay and chorus plugin made using the JUCE C++ framework
- Users can switch between the two effects through a dropdown menu and adjust their effect parameters
- Features a fully functional preset manager for users to save and load presets

Restify (Group)
- A social media web app for restaurants where users can search, follow, like, and comment on restaurants
- Designed and developed the different Django models required collaboratively
- Developed restaurant and notification API calls for the backend
- Designed and developed restaurant pages and navbar elements for the frontend
- Made using Python, Django, React.js, HTML, CSS, Bootstrap, Javascript and Github