Andrew Lang
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Education
University of Portland, Portland, Oregon   May 2021
Bachelor of Science, Computer Science

Current Work
Oracle Corporation, Oracle Cloud Infrastructure (OCI)   July 2021-current
OCI Resource Manager Software Engineer
- Worked on building a touchless deployment pipeline to build our service in a new region
- Built the infrastructure backend for an unstable testing environment
- Monitor, handle, and respond to any service issues or deployment failures when on-call
- Co-lead engineer on private access support for Resource Manager. Allows customers to use Resource Manager inside a private network and connect a private GitHub or GitLab repository.

Personal Work
Pulsebanner, pulsebanner.com   December 2021
Co-Founder
- Software application that changes your twitter banner when you go live
- Automatically reverts your banner back to its original state when streamer goes offline
- Took from idea to production in 4 weeks with over 3500 current users
- Worked on all parts of software along with marketing aspect to draw users

Streamlux LLC, streamlux.com   December 2020
Co-Founder
- Software application that sync's LED lights to Twitch.tv events such as followers, subscribers, etc. Support for multiple LED branded lights.
- Built web app and Electron (desktop) app

Relevant Experience
Oracle Corporation, Oracle Cloud Infrastructure (OCI)   May 2020-August 2020
OCI Resource Manager Team Intern
- Developed Terraform stack automation within compute console wizard resource
- Mapped user parameters from compute console to Terraform file for easy use and adoption of Resource Manager feature
- Backend support for stack automation across all OCI resources

Department of Computer Science, University of Portland   Spring 2019-May 2021
Undergraduate Machine Learning Research Assistant

- Develop image recognition software to improve the collection process of recyclable materials
- Collect images of recyclable material from recycling trucks using Raspberry Pi
- Process images using image recognition software, including ANN and CNN's
- Independently completed all Machine Learning and data collection tasks within project

Technical Skills

Languages: Java, Python, Go, Bash, Typescript, Terraform

Software Tools: TensorFlow, Linux, Mac, and Windows OS, Git, Electron