Franklin Harding

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Education
- Lincoln High School, 3.94 GPA (2016)
- Cleveland High School, 4.0 GPA (2017-Current)

Work Experience
- Mystery Pix - Entrance Photographer (May 2017 - Aug 2017)
  - Took and sold photos to attendees of the Oregon Zoo
- Pigmice Robotics Team - Programming Team (Aug 2017 - Current)
  - Programmed our 120lb 6-wheel tank drive robot in Python
  - Managed social media accounts (Instagram, Snapchat, Facebook)
  - Designed and built Peregrine, a PWA with Golang, React, PostgreSQL, and Docker to make scouting easier and run analytics on data
  - Designed a framework for long term deployment and management of Peregrine after the core developers (myself and two others) graduate
  - Used tools such as Slack, Github, and Trello to communicate with team members and share responsibilities
  - Audited Peregrine for security best practices such as strong password hashing (bcrypt), strong authentication and session management (JWT), and user input sanitization
- Open Source Projects - Contributor
  - Contributed bug fixes, features, and documentation to open source repos such as gorilla/mux, pybasictraining, openfaas, and more
  - Regularly give and receive feedback on /r/golang on writing well structured and idiomatic code
- The SN Guys, LLC. - Jr. ServiceNow Developer (Jun 2018 - Current)
  - Learning ServiceNow best practices
- Billups - Engineering Intern (July 2018 - Current)

Skills
- Backend Web Development (Go, Java, Node.js, PostgreSQL, MongoDB, Docker)
- Frontend Web Development (Javascript, Typescript, (P)React, Vue.js)
- Penetration Testing and Security Auditing (XSS, SQL Injection, CSRF, Password Cracking)
- System Administration (CentOS, PostgreSQL, MongoDB, Docker)

Projects
- Peregrine - Go, Javascript, (P)React, Docker, PostgreSQL
  - FIRST Robotics scouting app intended to make scouting and data analysis easier
- Otis - Python
  - FIRST Robotics robot that competed in the 2018 PNW district championships