

Joseph Lewis III

Software Engineer and Open Source Contributor – Seattle, Washington

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Experience

Google

Software Engineer

Seattle, Washington

2018-Present

- Tech Lead for a team to migrate Cloud Foundry workloads by reproducing its developer experience on Kubernetes
- Built Kubernetes controllers and CRDs
- Forged partnerships between OSS communities, customers and Google Cloud to unblock revenue streams
- Presented work at industry conferences to promote Google Cloud

Liberty Mutual

Senior Software Developer

Seattle, Washington

2016-2018

Worked in Distribution and Finance building systems to calculate profit sharing, incentives, and compensation for thousands of agencies.

- Mentored a team of five developers to rebuild a legacy system in Spring Boot and Vue.js
- Built a rules engine and rules management system to automate commission management
- Wrote a domain specific language (DSL) to let business create self-serve reports

University of Denver Unmanned Systems Lab

Research Assistant

Denver, Colorado

2011-2014

Built a UAV research platform to enable research into autonomous maneuvers and remote refueling.

- Developed a C++ embedded autopilot for UAV helicopters
- Designed custom PCBs to reduce electronics complexity
- Modified QGroundControl, a QT desktop app, to work with our system

Education

Purdue University

MS, Computer Science

Lafayette, Indiana

2014–2016

University of Denver

BS, Computer Science

Denver, Colorado

2010–2014

Skills

Languages: Go, Java, Python, SQL, HTML5, JavaScript, C++

Systems and Tools: git, Kubernetes, Cloud Foundry

Other

2019: Google Feat of Engineering Award Recipient

2017: Coauthor "Driving Habits Data: Location Privacy Implications and Solutions", *IEEE Security & Privacy*