

Joseph Lewis III

Developer and Open Source Contributor – Seattle, Washington

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Education

Purdue University

MS, Computer Science

Lafayette, Indiana

2014–2016

University of Denver

BS, Computer Science

Denver, Colorado

2010–2014

Experience

Google

Software Engineer

Seattle, Washington

2018–Present

- Forged partnerships between OSS communities and Google Cloud Platform
- Developed and maintained Logstash plugins and beats to integrate the ELK stack with GCP

Liberty Mutual

Senior Software Developer

Seattle, Washington

2016–2018

- Mentored a team of five developers to re-build a legacy system in Spring Boot and Vue.js
- Built a rules engine and rules management system to automate commission management
- Built and deployed Spring (Java) reporting applications
- Wrote a domain specific language (DSL) so business can create self-serve reports

Purdue University

Graduate Teaching Assistant

Lafayette, Indiana

2015–2016

- Created new course materials, labs, homework and projects
- Taught a lab section of 24 students
- Received "excellent" (top) instructor ratings for my communication and instruction

University of Denver Unmanned Systems Lab

Research Assistant

Denver, Colorado

2011–2014

- 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

Skills

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

Other

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

2011–Present: Association for Computing Machinery (ACM) Member