Derrick J Lockwood

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Skills

- Extensive experience in backend services with languages primarily in Rust, Java & Golang
- Experience in e-commerce and precision agriculture technology industries
- Scrum and other Agile project management methodologies
- Educated in machine learning and cyber security
- Mobile application development on iOS and Android platforms
- Source Control & Change Management (Atlassian products, Github, and Git)

Work Experience

Skipify, San Mateo CA - Senior Software Engineer - November 2022 - April 2024
- Designed and developed e-commerce order checkout solutions in Golang, TS, and Rust.
- Heavily worked in terraform and GCP infrastructure.

Source Allies, Urbandale IA - Software Developer Consultant - May 2021 - November 2022
- Researched and developed augmented reality (AR) solutions for a big agricultural company. Used C# and Unity to create a demo AR application.
- Developed software that creates images from raw agricultural data using Golang.

Iowa State University, Ames IA - Research Assistant - May 2018 - August 2019
- Developed software for identifying security vulnerabilities in Java applications using Dynamic Analysis.
- Co-wrote a technical paper (Mockingbird) that was published at the ICSE 2019 conference in Montreal.

Leidos, Eagan MN - Software Engineer Intern May 2017 - August 2017
- Developed and maintained a large scale web application used by private pilots.

NISC, Cedar Rapids IA - App Development Intern - May 2016 - August 2016 & May 2015 - August 2015
- Developed mobile software for both iOS and Android platforms used by Electric Power Linemen.

Education

Iowa State University, Ames IA - Graduate Program in Computer Science - August 2017 - May 2021
- Completed coursework for Degree program - GPA 3.71

Iowa State University, Ames IA - Undergraduate Software Engineering - August 2014 - December 2018
- Dean's List from Fall 2014 through Spring 2016
- Graduated Magna Cum Laude with B.S. in Software Engineering Fall 2018, GPA: 3.78

Honors and Extracurricular Experience

Cyber Defense Competition Fall 2014 - Spring 2015
- Won Regionals and National Cyber defense first place

FIRST Robotics Team (Team 2220) at Eagan High School Fall 2010 - 2014
- Programmed competition robots under a Java based platform
- Lead and taught a team of students to develop competition code.

Boy Scouts of America 2001 - 2013
- Earned rank of Eagle Scout and Lead troop of 40 scouts as the Senior Patrol Leader