

Derrick J Lockwood

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Skills

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

Work Experience

Skipify, San Mateo CA - Senior Software Engineer - Nov 2022 - Present

- Designed and developed e-commerce order related service and experience in Rust.

Source Allies, Urbandale IA - Software Developer Consultant - May 2021 - Nov 2022

- Did research and development into 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

- Worked on 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 - Present

- 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
- Built virtual servers to run a website and a remote desktop securely

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 2001 - 2013

- Earned rank of Eagle Scout and Lead troop of 40 scouts as the Senior Patrol Leader