Derrick J Lockwood

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Skills

- Extensive experience in Java and object-oriented concepts. Proficient in Python, and C/C++
- Mobile application development on iOS and Android platforms
- Experience with Agile and Scrum development on large scale Java Web application and mobile apps
- Experience with Source Control & Change Management (Atlassian products and Git)
- Experience in Machine Learning and working with big data

Work Experience

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 on 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
- Fixed bugs, added features, tested code, etc.
- Used Agile and Scrum Software Development process to help staff achieve a variety of sprint tasks

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
- Worked on a team with other interns on specific tasks of the project
- Fixed bugs and developed new features on large software project

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

Eagan High School, Eagan MN - September 2010 - May 2014
- Graduated with Honors

Honors and Extracurricular Experience

Kappa Sigma Fraternity 2014 - Present
- Fraternity focused on leadership, scholarship, brotherhood and service to better our community

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