

University of Iowa

Bachelor of Science in Engineering: Electrical & Computer Engineering

Minor: Computer Science

Certificate: Technical Entrepreneurship

GPA: 3.43

EXPERIENCE

Quality Consulting Inc. (QCI)

January 2017 - Present

Full Stack Software Developer

Developed software in all areas of the stack with a variety of different technologies. Responsibilities include requirements gathering, software development and consulting directly with clients. Primarily develop using Agile Process. Experience working technologies such as C#, MVC .NET Framework, Angular2, in addition to database development (SQL & Linq) and front-end development HTML5/CSS3 (Bootstrap/Material Design Frameworks).

University of Iowa Physics Department

August 2015 – December 2016

Student Software Engineer

Worked directly with engineers working on NASA's Juice Mission. Developed interactive web application using Java Server Pages and MySQL database to manage orders, parts, and notify part constraints for assembling circuitry critical to mission. Wrote all front-end code in HTML/CSS/JavaScript and service layer in Java.

Rockwell Collins

June 2016 – August 2016

Software Engineer Intern

Worked within a team specializing in flight controls. Conducted test driven development and software verification to comply with various avionics industry requirements. Worked directly with Systems and Electrical engineers to create compatible software. Completed peer code reviews, end-to-end unit tests (Python), and used software life cycle process to turn high level project requirements into low level software.

State Farm

May 2015- August 2015

Software Engineer Intern

Built web application in HTML/CSS/JS running on Java and an Apache Tomcat server to centralize security accesses on servers and identify irregular security access patterns. Developed iOS app during company hack day to improve system security by improving employee workstation privacy.

SKILLS

Experience: C#, JavaScript, Angular2, SQL/Database Design, Linq, Java, HTML/CSS, Bootstrap/Material Design

Version Control: Git, SVN

Tools: Visual Studio, Netbeans, Eclipse