William Frank

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Education
University of Utah Computer Science B.S. (Expected Spring 2020)   Salt Lake City, UT
Current GPA: 3.645

Relevant Coursework
- Software Practice I & II
- Algorithms
- Parallel Programming
- Computer Security
- Artificial Intelligence
- Machine Learning
- Computer Graphics (In Progress)
- Web Software Architecture (In Progress)
- Natural Language (In Progress)

Technical Skills
- Languages: C, C++, C#, Java, Python, SQL
- Operating systems: Windows, Linux, CLI Linux
- IDE's: Visual Studio, Eclipse, IntelliJ
- Git/Github/Gitlab, Agile/Scrum Experience
- Test Automation, Machine Learning, Software Engineering

Experience
Software QA Intern at Chartlogic (6/10/19 – Present)
- Work with developers to perform manual QA on upcoming features
- Identified test cases and steps for automated regression testing
- Assisted in development of automation framework using Selenium/Chromedriver

QA Automation Engineer Intern at Dealertrack (5/15/18 – 8/3/18)
- Worked in a scrum team to complete regression automation and debug existing tests.
- Used existing frameworks built around Selenium/Chromedriver in C#.
- Exceeded initial goals for the summer (~230/200 scenarios automated).

Projects
Machine Learning Stock Market Predictions (Python)
- Attempted to predict the Dow Jones via news headlines
- Preprocessing and modeling done with Scikit-learn, Keras, and LightGBM
- Done for class independently, received a 100%

Logic Quest (C++/Qt)
- A game designed to help teach users about logic gates through a drag and drop interface.
- Designed and implemented level interface, level switching, and level loading system.
- Done for class in a scrum team of seven, received a 96%.

willfrank98.github.io (HTML/CSS/JS)
- A simple website created nearly from scratch to act as an online portfolio.
- Details several more independent and school projects which could not fit here.
- Check it out for more info!