Sean M. Coughlin

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Education

University of Illinois at Urbana-Champaign   Expected, May 2022
- Bachelor of Science in Computer Science, Minor in Economics
- GPA 3.86 / 4.00
- Selected Coursework: Data structures, Computer Architecture, Systems Programming, Database Systems, Software Design Studio, Microeconomics
- Coursework in Progress: Algorithms, Artificial Intelligence, Economic Statistics II

Work Experience

Zebra Technologies - Test Automation Developer Intern   May 2020 - Aug 2020
- Drove a 57% reduction in testing time through monitoring and increasing the efficiency of hundreds of automated graphical user interface tests
- Accelerated the IT department's transformation to an agile development environment through the expansion of automated testing and the transition to upgraded testing technologies
- Streamlined the IT quality assurance team's on boarding process by building comprehensive documentation that explained the team's tools and best practices

Technical Skills

- Python, C, C++, Java, Git, SQL, MongoDB, Neo4j, HTML, CSS, Django

Project Highlights

Global Poverty Visualizer - Website   Jan 2020 - May 2020
- Led a team of four to develop a website to display and process global poverty data through utilizing MySQL to construct a backend database

Bahrber - Android App   Sept 2018 - Dec 2018
- Contributed to a team of seven to develop an Android app capable of recommending stylish haircuts utilizing Microsoft Azure's Face API and an algorithm the team designed
- Created a sleek user interface using Android Studio capable of interfacing with a Firebase backend

Greatest Gallon - Hackathon Project   Oct 2018
- Placed first out of fifteen teams in the 2018 Wolfram PYGHACK prize for excellent use of Wolfram Alphas's technologies
- Analyzed with a team of four data provided by the cities of Urbana and Champaign to determine optimal locations for city vehicles to acquire gasoline

Extracurricular Activities

Engineering Ambassadors   Jan 2019 - Present
- Taught outreach programs and on behalf of the University of Illinois to elementary and middle schools to encourage youth interest in STEM fields and excite future generations of engineers