Colton Glick

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Github.com/C-Glick

Education

Iowa State University   Fall 2019 – Present

- Bachelors of Science in Software Engineering
- Anticipated Graduation Date, May 2022
- Cumulative GPA: 3.96

Key Skills

- Experience developing with Linux and Windows
- Fluent in Java, Unix command line, C, Python, ColdFusion, VBA, HTML, and CSS
- Previous experience with Eclipse, Git, SAP, Spring, and MySQL

Work Experience

Boeing Fellowship, Open UAS   Fall 2020 – Present

- Working with the Open UAS research team to develop open-source autonomous flight software for unmanned aircraft.
- Currently developing additional features such as flight simulation, sensor failure detection, and autonomous landing.

John Deere, Part-Time Student   Summer 2019 – Summer 2020

- Collaborated with a small team of three to maintain and develop internal web utilities through ColdFusion, HTML, and JavaScript.
- Worked on the macro development team to automate SAP material tasks through Visual Basic Application. Decreased processing time by 98% for affected requests.

Involvement

FIRST Robotics Competition, Mentor   Fall 2016 – Present

- Worldwide high school robotics competition
- Currently mentoring new team members in Java programming
- Acted as team captain in 2018, managed the team of 20
- Head of robot programming for two years (2016-2018), providing problem solving and teamwork experience.

Projects

The Mandelbrot set   Winter 2018 – Present

- Sole developer of a Java application to display an interactive view of the infinite fractal known as the Mandelbrot set
- Implements multi-threaded processing to achieve 2.1 times faster computations
- Learn more on my Github page, *github.com/C-Glick/Mandelbrot-set*

Awards

- ECSEL (Electrical, Computer, and Software Engineers as Leaders) ISU Scholar (2019 – 2020)
- Chester Dike Memorial Scholarship (2018)
- Maureen Mentzer Memorial Scholarship (2018)
- CyberStart Cybersecurity Challenge (2017)