

Education

Iowa State University

Fall 2019 - Present

- Bachelors of Science in Software Engineering
- Anticipated Graduation Date, May 2022
- Cumulative GPA: 3.92

Hawkeye Community College

Fall 2018 - Spring 2019

- Liberal arts / General education
- Cumulative GPA: 3.871

Key Skills

- Experience working with Linux and Windows
- Fluent in Java, Unix command line, C, ColdFusion, and HTML
- Previous development experience with Eclipse, Visual Studio Code, and Git

Work Experience

John Deere, Part-Time Student

Summer 2019 - Present

- Currently collaborating with a small team of 3 to maintain and develop internal web utilities through ColdFusion, HTML, and JavaScript
- Rapidly updating and solving issues, leading to a higher level of productivity
- Worked on the macro development team to automate specific SAP material changes through Visual Basic Application. Decreased processing time by 98% for these requests.

Involvement

F.I.R.S.T. Robotics Competition

Fall 2016 - Present

- Competitive high school robotics team
- Currently mentoring 2 younger team members in Java programming
- Acted as team captain in 2018, managed the team of 20
- Head of robot programming for 2 years (2016-2018), providing excellent problem solving 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)
- Chester Dike Memorial Scholarship (2018)
- Maureen Mentzer Memorial Scholarship (2018)
- CyberStart Cybersecurity Challenge (2017)