Bryce Moskiewicz

6260 Blackstone ● La Grange Highlands, Illinois ● 630-670-5758 ● brycemosk26@gmail.com

EDUCATION

University of Illinois at Urbana-Champaign *Class of 2022 - May*
Bachelor of Science in Computer Engineering
GPA: 3.90

University of Pittsburgh *Attended 2018-2020*
Bachelor of Science in Computer Engineering
GPA: 3.90

- Varsity Baseball Student-Athlete
- ACC Academic Honor Roll (3.0 GPA or better as a student-athlete in the Atlantic Coast Conference)
- Dean's list (3.25 GPA or better cumulatively)
- Term Honor's list (3.25 GPA or better in a semester)

EXPERIENCE

U.S. Steel
Pittsburgh, Pennsylvania
Software Engineer Intern *January 2020 – September 2020*

- Created full stack web applications utilizing XML, JavaScript, and CSS for front end code, as well as C#/.NET for back end code along with SQL for querying an Oracle Database.
- Created an application which allows users to search for Shipments based off of 30 separate criteria, and then select different shipments to compare to one another after being retrieved from the database.
- Created an application which allows users to search for Referrals based off of 8 separate criteria, and then make changes to those referrals in the database if they have permission to do so. To go along with this, I had to develop a feature within US Steel's security application which would limit access to employees on the QA Team.
- Created an application which allows users to search for Materials, the Chemistry of those Materials, as well as the Customers those Materials were shipped to based off of 40 separate search criteria. This application allows users to select as few as one, or as many as all three of the options available and then tabulates the options after placing all of the necessary information in their appropriate grids.

University of Pittsburgh
Pittsburgh, Pennsylvania
Honors Engineering Teacher's Assistant *August 2019 – May 2020*

- Collaborated closely with the professor of an Honors Engineering course to best stimulate the growth and development of nearly 100 students each semester.
- Responsibilities included hosting 4 office hours every week, grading exams, quizzes, and homework, as well as occasionally giving lectures.

PROJECTS

Personal Website

- Please visit my website (https://brycemosk.github.io/Personal_Website/) to find out more about my projects, and myself. (HTML5, CSS, JS, Git/GitHub)

Machine Learning Applied to the S&P 500

- Utilized a JavaScript library for Neural Networks as well as a library for graphing to produce a model which displays the likelihood of future increase in the S&P 500 based off of a previous decrease. I trained the model with data from various recessionary periods and the market's response over the following years. (HTML5, JavaScript, Brain.js, Plotly.js)

Smart / Magic Mirror

- A mirror which displays helpful and customizable widgets (i.e. time, date, weather, etc.). Used Michael Teeuw's repository as well as some third-party modules for the basic interface, then edited to my specifications with my own code. (UNIX, HTML5, CSS)

SKILLS

- C#, SQL, HTML, JavaScript, CSS, Python3, C, C++, Java, Visual Basic (VB), .NET, Visual Studio, Git/GitHub

RELEVANT COURSEWORK

- Data Structures and Algorithms, Embedded Systems, Digital Logic, Analog Signal Processing, Calc 1/2/3, Linear Algebra