

Frederick DeWeese

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I have experience working as a software development intern at Funding University. I also have significant academic software development experience. I earned my associate's degree in Computer Science from Northern Virginia Community College in November 2020. I will earn my bachelor's degree in Computer Science from Northern Michigan University in May 2022. I am academically trained in Java, C++, JavaScript, HTML, Python and CSS. During my time working I have had the opportunity to learn HAML, SASS, and ruby on rails. Personally, I have developed a stock options profitability model using Python. I am an Eagle Scout, and I believe strongly in the importance of giving back to my community. Additionally, while attending Northern Michigan University, I competed on the varsity swim team.

Projects

Python Options Spread Analyzer

12/2021

In this project I wrote a stock options spread analyzer using python. This project made use of the public "wallstreet" repo on github, which produces fundamentals data using the yahoo and google finance API's. My project uses that data to produce live analysis of spreads, using a standard financial model to predict likelihood of the stock finishing above a certain price on a certain date. Further the program is highly object oriented, making use of deeply multidimensional lists to analyze and store data. It can analyze bull put, bull call, bear call, bear put, naked put, and naked call spreads. In total the program is about 1000 lines of python. Contact me for further questions.

Work Experience

Software Development Intern

11/2020 to 06/2021

Funding University
Atlanta, GA

I assisted development on codebase by completing a variety of development and some graphic design tasks. I worked with ruby on rails, HAML, SASS, and javascript. My contributions have been pushed to the production site. I created Spec test files for haml files. I generated an updated favicon for all browsers. I added features to the admin database. I made various changes to the website's appearance. I performed many other small development tasks.

Crew Member

06/2021 to present
Mcdonalds
Marquette, MI

Maintained high standards of customer service during high-volume, fast-paced operations.

Skills

Java - 4 years
C++ - 4 years
SASS - 1 year
Python - 4 years
CSS - 4 years
HTML - 4 years
JavaScript - 4 years
Ruby on Rails - 1 year
HAML - 1 year
NCAA D2 Swimmer - 2 years
Eagle Scout

Education

Northern Michigan University

Bachelor of Science (BS)
Computer Science
Marquette, MI
08/2020 to 04/2022

Northern Virginia Community College

Associate of Science (AS)
Computer Science
Annandale, VA
08/2018 to 05/2020