

SHANE WILES

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EDUCATION

University of Pittsburgh at Johnstown

August 2019 - now

Bachelors of Science: Computer Science and a minor in Cyber Security

Relevant Courses

Software Design Methodology, C++ Programming, Database Management Systems, Mobile Applications.

TECHNICAL SKILLS

Programming: Java, Maven, C#, SQL, CSS/HTML, C++, Node.js

Software & Tools: IntelliJ, Git, Postman, Xamarin, Stencil.js

PROJECTS

Discord Stock Management Bot—Java, Maven, Git

- Designed and Developed a Stock Management System for Discord users that access the Discord and Yahoo Finance API.
- Implements the Singleton Design pattern, web scrapping and multi-threading to allow use over multiple servers.
- Its overall function allows users the get current stock prices, quotes, top movers, random stock information, and a watch list that tells users if assigned stocks go up or down 5%.

Simulated Banking Application — Java, Maven, JavaFX

- Group Class final that demonstrates how different data structures can be used to organize data.
- Uses Scene Builder and JavaFX to create a GUI as the Front end for the Banking Application.
- My job in the group was to create the libraries of data structures that were used for storing all the clients' info. Such as passwords, Usernames, transactions, and Etc.

iOS & Android Mobile Application for Asset Tracking — C#, Xamarin, .NET, Git

- A mobile asset tracker application that performs CRUD operations to get user portfolio information and account data. As well as pull stock information and current prices using the Yahoo finance API.
- Searches through stocks to get current prices and stats as well as portfolio functionality to see the growth and development of your profile.
- Uses .NET platform to create a Web API for the mobile application to respond to.
- Practices better user interface experience by pulling off the main UI thread to make requests to the API while, handling cases for when API will not respond.

WORK EXPERIENCE

Retail Web Technologies Intern at Charles Schwab & Wings

Summer of 2022

Role: Full Stack Intern

Description: I worked as a member of their scrum team for the main website in Node.js. I also fixed bugs and completed stories that implemented features for the Schwab Assistant on Schwab.com using stencil.js. Mainly while I worked here I was put on customer experience for Schwab Assistant by implementing features to allow the user to have a smother experience on Schwab.com. On the side, I Created documentation to pitch new features for Schwab assistant that could get approval when I am gone.

Project New Social

Jan 2022 - June 2022

Role: Full Stack Intern

Description: Working in Node.js to make a social media platform to manage data for the user. I help work on front-end development in react using the Next.js framework. As well as back-end development using typeGraphQL to query the database for user information.

Shannon Staley and Sons

Feb 2020 - Jan 2022

Role: Apprentice/ Laborer

Description: Started to work construction to try something different and learn some new skills. Worked under carpenters and electricians, learning skills to get jobs on my own.