

Anthony McGaw

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Education

University of Pittsburgh

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Honors: *magna cum laude* (GPA: 3.5), Dean's List

Pittsburgh, PA

May 2021

Experience

University of Pittsburgh

PEER TUTOR

Pittsburgh, PA

August 2020 - May 2021

- Held weekly tutoring hours for students in Introductory and Intermediate Java courses
- Utilized TutorOcean interactive virtual classroom to help students work through projects and grasp core, Object Oriented Programming concepts
- Worked with fellow peer tutors to discuss effective tutoring methods
- Recognized by students for clear communication and promoting success

Homegoods

STOCK ROOM/SALES FLOOR/FRONT END ASSOCIATE

McCandless, PA

November 2015 - August 2020

- Demonstrated strong reliability arriving to work on time, and working extra shifts whenever needed by management
- Collaborated with stockroom team to ensure truck deliveries were unloaded in a timely manner four times a week
- Led front-end duties during many nights with exceptional customer service

Skills

Languages: Java, SQL, HTML, CSS, JavaScript, PHP, Python

Technology: Swagger, PostgreSQL, JUnit, Cucumber, Bootstrap, Flask, Git/Github, Docker, Google Cloud Platform

Projects

Swagger UI Alternatives - NetApp

SENIOR CAPSTONE PROJECT

2021

- Member of Agile Scrum team working in two week sprints alongside NetApp sponsors
- Migrated existing RESTful API documentation from Swagger UI to Redoc; A React+TypeScript based visualizer
- Enhanced existing Redoc search feature, extending functionality to search through parameters and REST objects
- Introduced paginated loading functionality to improve performance on APIs with large amounts of endpoints
- Technologies Used: React, TypeScript

Simulated Electronic Investment System

ACCESSIBLE AT [HTTPS://GITHUB.COM/AMCGAW07/INVESTING_SYSTEM](https://github.com/amcgaw07/investing_system)

2021

- Simulated investment system of 401k accounts controlled through a command line interface
- Developed procedures and triggers in PL/pgSQL which update the database as the user interacts with the system
- Technologies Used: Java, PostgreSQL, JDBC

Pitt-Study Web Application

ACCESSIBLE AT [HTTP://PITT-STUDY.APPSPOT.COM](http://pitt-study.appspot.com)

2020

- Worked with group members to develop a full-stack web application to allow users to create and find study sessions
- Implemented Python with Flask for back-end control of event and user creation, as well as Google Maps API integration
- Utilized Bootstrap 4 framework to assist with development of a user-friendly UI
- Technologies Used: Bootstrap, HTML, CSS, JavaScript, Flask, Python, GCP

Personal Website

ACCESSIBLE AT [HTTPS://AMCGAW07.GITHUB.IO/](https://amcgaw07.github.io/)

2020

- Built a website to practice HTML/CSS/JS and to display personal information in one place
- Website includes resume, contact information, and projects in an interactive display
- Technologies used: Bootstrap, HTML, CSS, JavaScript