

Anthony McGaw

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Education

University of Pittsburgh

BACHELOR OF SCIENCE IN COMPUTER SCIENCE
Honors: *magna cum laude* (GPA: 3.5)

Pittsburgh, PA
May 2021

Experience

University of Pittsburgh

COMPUTER SCIENCE PEER TUTOR

Pittsburgh, PA
August 2020 - May 2021

- Held tutoring hours a few days each week for students in Introduction to Programming with Java and Intermediate Programming
- Utilized TutorOcean interactive virtual classroom to help students work through projects and core programming concepts
- Worked together with other 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, UNIX, Photoshop

Projects

Swagger UI Alternatives

SENIOR CAPSTONE PROJECT

Pittsburgh, PA
2021

- Collaborated with NetApp to migrate their visual ONTAP RESTful API documentation from Swagger UI to Redoc; A React+Typescript based visualizer
- Modified the current search feature on Redoc to search through query and path parameters as well as REST objects
- Introduced paginated loading functionality to improve performance on APIs with large amounts of endpoints
- Practiced Agile and Scrum in two week sprints with student team and NetApp sponsors

Simulated Electronic Investment System

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

Pittsburgh, PA
2021

- Worked within a team to create a simulated investment system of 401k accounts
- 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)

Pittsburgh, PA
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 event and user creation of study sessions
- Application is hosted on Google Cloud Platform and uses Cloud Datastore NoSQL database
- Google Maps API provides interactive view of different study spots as posted by users

Personal Website

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

Pittsburgh, PA
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
- Optimized layout to work on mobile platforms/smaller windows