

Peter Yang

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EDUCATION

University of Michigan

Bachelor of Science in Mathematics, Computer Science

- GPA: N/A

Ann Arbor, MI

Aug. 2022 – Present

University of Wisconsin-Madison

Bachelor of Science in Mathematics, Computer Science

- GPA: 3.9/4.0

Madison, WI

Sep. 2021 – May 2022

EXPERIENCE(EVERYTHING BELOW THIS IS A WIP)

University Math Club Colloquia Organizer

Sep. 2021 – Present

University of Wisconsin-Madison

Madison, WI

- * Developed a REST API using FastAPI and PostgreSQL to store data from learning management systems
- * Developed a full-stack web application using Flask, React, PostgreSQL and Docker to analyze GitHub data
- * Explored ways to visualize GitHub collaboration in a classroom setting

Information Technology Support Specialist

Sep. 2018 – Present

Southwestern University

Georgetown, TX

- * Communicate with managers to set up campus computers used on campus
- * Assess and troubleshoot computer problems brought by students, faculty and staff
- * Maintain upkeep of computers, classroom equipment, and 200 printers across campus

Artificial Intelligence Research Assistant

May 2019 – July 2019

Southwestern University

Georgetown, TX

- * Explored methods to generate video game dungeons based off of *The Legend of Zelda*
- * Developed a game in Java to test the generated dungeons
- * Contributed 50K+ lines of code to an established codebase via Git
- * Conducted a human subject study to determine which video game dungeon generation technique is enjoyable
- * Wrote an 8-page paper and gave multiple presentations on-campus
- * Presented virtually to the World Conference on Computational Intelligence

RELEVANT COURSEWORK

Gitlytics | *Python, Flask, React, PostgreSQL, Docker*

June 2020 – Present

- * Developed a full-stack web application using with Flask serving a REST API with React as the frontend
- * Implemented GitHub OAuth to get data from user's repositories
- * Visualized GitHub data to show collaboration
- * Used Celery and Redis for asynchronous tasks

Simple Paintball | *Spigot API, Java, Maven, TravisCI, Git*

May 2018 – May 2020

- * Developed a Minecraft server plugin to entertain kids during free time for a previous job
- * Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- * Implemented continuous delivery using TravisCI to build the plugin upon new a release
- * Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI

Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib