

Tyler Besnoff

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EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems **Pleasantville, NY**
Bachelor of Science (B.S.) in Computer Science | Concentration: Software Engineering | GPA: 3.83 May 2024

RELEVANT COURSEWORK

Computer Programming | Data Structures and Algorithms | Unix and C | Computer Organization | Operating Systems | Data Network & Security | Intro to Artificial Intelligence | Programming Languages and Implementation | Software Engineering | Introduction to Deep Learning | Internet and Distributed Computing

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, TypeScript, Unix, C, C#, ASP.net, SQL, HTML, Assembly, Python
Software: GitHub, Azure Dev Ops, Docker containers, Eclipse IDE, SourceTree, Git, Linux Shell Scripting
Cloud: Amazon Web Services
Frameworks / Libraries: Express JS, React, React Native, Node JS
Database: Microsoft SQL Server, Postgres

PROJECTS

Software Engineering Project – RightPay September 2023 - Present

- Designing and developing mobile application to display credit card rewards based on a user's current location, implementing PERN (Postgres, Express, React Native, Node)
- Incorporated Agile methodology planning in a team of three to develop the app over five, two-week sprints

Process Deadlock Simulation March 2023 – May 2023

- Collaborated with a peer to develop and implement a robust process deadlock simulation, incorporating C to create a main program that tests functions in the solution file by running a fake deadlock simulation
- Implemented GitHub along with Git for version control and organization of files

Personal Website January 2023 - Present

- Developed a personal website using PERN (Postgres, Express, React, Node) that includes an interactive user interface as a portfolio and a way to display my knowledge
- Used AWS Amplify to deploy the front end React application and an EC2 instance to host the backend in a Docker container in the cloud
- Leveraged Azure Dev Ops Kanban Boards and pipelines to organize work items

LEADERSHIP

Pace University Swim Team **Pleasantville, NY**
Team Captain August 2022 - Present

- Created a connection between 40 team members and two coaches to improve training coordination and team cohesion during practices and swim meets, offering support and insights to enhance individual and collective performance
- Elected by peers for two consecutive years

EXPERIENCE

Pace University Learning Commons

Pleasantville, NY

Content Tutor

November 2021-Present

- Guided students in computer science and math courses, offering comprehensive support in assignments and concept understanding, resulting in improved grades

Clark Associates Inc. / WebstaurantStore Inc.

Lititz, PA

Computer Engineering Intern

May 2022 -August 2022; May 2023-August 2023

- Collaborated as part of the Electronic Data Interchange team, instrumental in the comprehensive transformation of the pre-existing web admin portal into a cutting-edge rendition using React with Typescript, C#, HTML, and SQL
- Orchestrated the entire development lifecycle, including deployment strategies, two-week sprints, and integration with pivotal tools such as Rabbit MQ and Octopus Deploy, fostering optimal portal functionality and user interaction

Manheim Township Parks and Recreation

Lancaster, PA

Lifeguard and Head Lifeguard (2021)

June 2017-August 2021

- Managed 30 lifeguards at a pool including delegating and assigning tasks, answering questions from patrons, and defusing disputes

ACTIVITIES

Pace University Swim Team

Pleasantville, NY

Swimmer, 1 x MVP, Men's Team High Point

August 2020 - Present