

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
Course Work: 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 | Internet and Distributed Computing

TECHNICAL SKILLS

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

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
- Revamped the existing Pace University Learning Commons Main Feed using React to display the date, local weather, stock ticker and a video for the Learning Commons on Pace Universities two campuses

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#, and Node JS aiding 100s of software developers within the company
- 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

PROJECTS

Software Engineering Project – RightPay September 2023 - Present

- Designed and developed a 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

Personal Website January 2023 - Present

- Developed a personal website using PERN (Postgres, Express, React, Node) that includes an interactive user interface as a portfolio
- Leveraged AWS Amplify to deploy front end React application and an AWS EC2 instance to host the backend API hosted in a Docker container in the cloud allowing the website to have zero downtime

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 five functions in the solution file by running a fake deadlock simulation
- Implemented GitHub along with Git for version control and organization of files with 38 separate commits

CERTIFICATIONS

Hewlett Packard Enterprise **Online**
Software Engineering Job Simulation on Forage February 2024

- Wrote a proposal for a RESTful web service to manage a list of employees
- Built a web server application in Java Spring Boot accepting HTTP requests and support uploading JSON data

ACTIVITIES / LEADERSHIP

Pace University Swim Team **Pleasantville, NY**
Swimmer, 2 x Team Captain, 1 x MVP, Men's Team High Point August 2020 – 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