

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: 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 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