

Tyler Besnoff

Lititz, PA 17543 | (215) 805-3614 | tibesnoff@gmail.com | LinkedIn: [tyler-besnoff](https://www.linkedin.com/in/tyler-besnoff) | www.tylerbesnoff.dev/

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

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

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 as well as support uploading JSON data

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

ACTIVITIES

Pace University Swim Team Pleasantville, NY

Swimmer, 1 x MVP, Men's Team High Point August 2020 - Present