

# 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

## 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** 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

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### **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

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### **Pace University Swim Team**

**Pleasantville, NY**

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

August 2020 - Present