

TYHEIR BROOKS

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EDUCATION

Pace University

Bachelor of Science (B.S.) in Computer Science | **Concentration:** Software Development | **GPA:** 3.00

Pleasantville, NY

May 2022

Minor: Mathematics and Information Technology

RELEVANT COURSEWORK

SQL | Programming Java | Discrete Mathematics | Web Design | Data Structures and Algorithms | Computer Networking | OS/Architecture | Probability & Statistics | Linear Algebra | Software Engineering | Data Mining | Database Management | Web Computing

TECHNICAL SKILLS

Languages: Fluent in Java, HTML, JavaScript, CSS, and SQL. Familiar with Swift.

Tools/Frameworks: Experience with React Native, React, Spring Boot, Maven, Postman, AWS Elastic Beanstalk.

Applications: Eclipse, GitHub, Git, XCode, Android Studio, Visual Studio Code, IntelliJ | **Web Services:** REST APIs, SOAP

Database Management: MySQL, Postgres, Microsoft SQL, MongoDB, MariaDB, Django.

Software: Adobe Acrobat Suite, Microsoft Office 365 (Outlook, Word, Excel, PowerPoint, SharePoint)

ACADEMIC ACCOMPLISHMENTS

Full-Stack Developer – GameReview

January 2023 - Present

- Spearheaded development for a full-stack application using React for the front end & Spring Boot for the backend.
- Configured user authentication maintaining industry standards for web security & User Experience.
- Collaborated in an agile environment, maintained version control via Github, & configured Amazon RDS for Database

Full-Stack Developer – Spring Boot Web Application

September 2022

- Developed web application designed to interact with database while maintaining industry standard for status code error handling. Application hosted on AWS Elastic Beanstalk as an EC2 instance using React & Spring Boot.

Full-Stack Software Engineer – Pace Eats

September 2021 - December 2021

- Developed end-to-end mobile application using Java & XML in Android Studio to build front-end architecture, back-end database connection, & user interface, utilizing Scrum agile process. Participated in bi-weekly scrum meetings to incorporate unit tests to properly solve user stories.
- Incorporated calculations to track carbon footprint, storing data utilizing Firebase, & managed GitHub for version control.

Front-End Developer – Web Development

October 2018 – December 2018

- Collaborated in team of 4 to modernize & transform website UI using HTML for non-profit organization, Family Resource Center of New York, enhancing customer communication & display of organization resources.
- Innovated graphics & new logo for website using Adobe, Lightroom, & Photoshop, embedding graphical interfaces.

INTERNSHIP/CERTIFICATIONS

Udemy: The Complete React Developer Course(w/ Hooks and Redux)

The Forge: Lyft Virtual Learning Micro Internship

July 2022 – August 2022

- Designed backend using Lyft API, UIKit, & XCode, using Swift giving users ability to review ride share history.
- Implemented iOS Maps allowing users to grant location permission and calculate trip distance.

VOLUNTEER/EXPERIENCE

Men of Color, Peer Leader

January 2022 – May 2022

Office of Residential Life, Resident Assistant

September 2021 – May 2022

Pace Esports & Gaming, Vice President & Varsity Player

September 2020 – May 2022

Pace Seidenberg Tech Collective, Member

September 2018 – May 2022