

Justin Abraham

☎ 732-689-4188 | ✉ jja55@njit.edu | in justinabraham03 | 🌐 justinab24

EDUCATION

New Jersey Institute of Technology

September 2021 - May 2025

B.S in Computer Science

GPA: 3.9/4.0

Extracurricular Activities: Students for Hunger Relief, Student Activities Council, Alpha Kappa Psi Business Fraternity

EXPERIENCE

Barclays

June 2024 – Present

Software Engineer Intern

- Migrated WinForms application to a full-stack application using **Angular**, **.NET**, and **mySQL** to be used by the operations team to analyze collateral exposure for **1000+** daily trades made on Barclays' trading platform BARX
- Enhanced .NET trade-break application using **MongoDB** to pull real time trade-breaks and adding additional handlers in **C#** to auto-close breaks based on specific conditions, reducing manual break closure by **40%**
- Performed unit testing of C# handlers using **XUnit** and **Moq** framework to ensure trade breaks were properly closed under various test cases achieving a **100%** success rate on a sample of over **500** trade breaks

Colgate-Palmolive

June 2023 – May 2024

Software Engineer Intern

- Created a full-stack application using **Adobe Experience Manager** coupled with **React.js** and **Groovy** to provide customers with smartlabel information for a catalog of over **10,000** products
- Produced a script using **Google Script**, **Gmail API**, and **Google Sheets API** to parse through system alert emails from the company's cloud-based spend management software **SAP Ariba**
- Pipelined error and transaction details from the emails to a simplified report to target trends in user interaction reducing analytical time by **30%**, effectively increasing procurement team productivity

SAZ Labs Inc.

Jan. 2023 - June 2023

Software Engineer Intern

- Enhanced their International Courier Service Application, Prime Express, primarily utilizing **Spring Boot**, **Thymeleaf**, **Bootstrap** and **JQuery**
- Designed module to send automated quote emails for all quotes generated online using **Java**, **SQL**, and **Spring Boot Scheduler**, further improving notification system's speed by **60%**
- Revamped backend to integrate the **ShipStation** and **Sendle API** to get shipment rates for USPS and UPS carriers to deliver accurate quotes to users

PROJECTS

I.T Estimation Template

- Created a **M.E.R.N** stack application that calculated the total cost of I.T projects taking into account different components and their complexities, as well as different roles and their respective rates
- Utilized **Express.js** to build out a fully functional **API** to query and update the **MongoDB** database
- Developed a middleware logging system and error handler to monitor requests sent to the application and used results to optimize specific endpoints and overall performance
- Designed an admin portal where components and roles as well as their corresponding information could be defined

UniSync

- Developed a mobile **IOS application** that served as a campus connect app for students wanting to advertise services such as hair-cutting, electronic repair, arts and crafts, etc.
- Engineered the application using **XCode** with **Swift UI** featuring a home page, profile hub, and a create page where users can create a card view for their service with key information such as location, rate, and contact info.
- Implemented a rating system for users to give feedback on services they have used as well as a filtering system that uses keywords to match users with specific services they want
- Utilized **Firebase** to perform **C.R.U.D** operations with service and profile data

SKILLS

Languages: Java, Python, Web(HTML, CSS, Javascript, PHP), C++, C#, SQL

Technologies: React.js, Angular, SpringBoot, Node.js, Flask, Express.js, MongoDB, PostgreSQL, AEM, Groovy, .NET

Developer Tools: Git, Docker, GCP, Visual Studio Code, Postman, MacOS, Spring Tool Suite, Moq, XUnit