Naman Bajaj

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EDUCATION

Rutgers University – New Brunswick Sep. 2020 – May 2024

Bachelor of Science in Computer Science and Mathematics *New Brunswick, NJ*

- GPA: 3.97/4.00
- Dean's List (Fall 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2022)
- Relevant Coursework: Computer Algorithms, Computer Architecture, Software Methodology, Discrete Mathematics, Elementary Differential Equations, Physics, Linear Algebra, Principles of Information and Data Management, Systems Programming, Principles of Programming Languages, Linear Optimization, Mathematical Reasoning, Real Analysis, Internet Technology

EXPERIENCE

Software Engineer Intern Jun. 2023 – Aug. 2023

Prudential *Newark, NJ*

Finance Intern Jun. 2021 – Aug. 2021

Dow Jones & Company *Princeton, NJ*

- Finance Intern on Dow Jones FSMR (Financial Systems and Management Reporting) Team
- Worked with SAP S/4 Hana ERP System including SAP Fiori, SAP GUI, BPC, and Microsoft Analysis for Office for Reporting
- Built automation model in Excel for detailed testing and validation of FX Impact at the line item level, involved pulling 25+ reports to build model
- Contributed to 15+ finance projects, such as Business Area implementation, roll forward balances, FX validation
- 5+ presentations, including presentation on how to retain Wall Street Journal subscribers' post-graduation presented to CEO and CFO, and presentation of Excel Automation Project presented company-wide

PROJECTS

Currency Converter | *C#, WPF, JSON, Windows, Visual Studio* Nov. 2022

- Currency converter application built for Windows environments using WPF frontend and C backend
- Uses Open Exchange Rates API to retrieve latest exchange rates for over 170 currencies and calculates based on user entered value
- Implements multithreading and async/await functionality for exchange rate retrieval

Quiz App | *Kotlin, SQLite, Gradle, Android Studio, XML* August 2022

- Educational application built for Android systems built in Android Studio
- Uses Kotlin for front end and SQLite for back end
- Allows users to create, edit, delete, and do quizzes
- Implements multi-threading using Kotlin concurrency for database loading

University Registration System | *Java, MySQL, HTML, Eclipse, Apache Tomcat* August 2022

- University registration system built with HTML and Java front end and MySQL back end
- Uses JDBC for connection between frontend and backend
- Simulates addition of courses, students and professors
- Allows professors to view students and assign grades and students to register for courses and view grades

Personal Portfolio | *JavaScript, ReactJS, HTML, CSS* June 2022

- Built personal portfolio using JavaScript, ReactJS, HTML, and CSS
- Deployed using GitHub pages
- Responsive and adjusts accordingly different sizes of desktop and mobile devices

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, ReactJS, Kotlin, JavaFX, Bootstrap, WPF, jQuery
Backend: Java, Python, C++, C, C# OCaml, Prolog, Express, Node.js
Database: MySQL, SQLite, JDBC, Microsoft SQL
Developer Tools: Git, CLI, Linux, Unity, Apache Tomcat, Gradle
Other Useful Tools: Illustrator, Photoshop, Blender, GIMP, Inkscape