

# Naman Bajaj

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## EDUCATION

### Rutgers School of Arts and Sciences – 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)
- Relevant Coursework: Computer Algorithms, Computer Architecture, Software Methodology, Discrete Mathematics I + II, Elementary Differential Equations, Physics I + II, Linear Algebra, Principles of Information and Data Management, Machine Learning Principles, Systems Programming, Principles of Programming Languages, Linear Optimization, Mathematical Reasoning

## EXPERIENCE

### 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
- Coordinated with Technology Team on multi-currency/foreign exchange process workflow by doing validation of FX Impact on business and reporting by pulling 50+ reports
- 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
- Performed testing and validation of enhancements in S/4 Hana with a team of 15 people from Finance and Tech Department
- 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

### 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

### Photos Library | Java, Gradle, Android Studio, XML

Feb. 2022 – May 2022

- Photos library manager built for Android devices
- Supports accessing Android file system for photo access and addition
- Persistence across sessions in addition to error checking for missing photos

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, MySQL, JavaScript, HTML/CSS, R, C#, Kotlin, SQLite

**Frameworks:** React, Node.js

**Developer Tools:** Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Android Studio, Bash, Linux Subsystems

**Libraries:** JavaFX