DANIEL RAJAKUMAR

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SUMMARY

Computer Science student with 7 years of programming experience and a strong background in software development and technical leadership; founded the Google Developer Student Club on campus and led diverse workshops for students, such as Android Development and Web Development. Seeking a Winter / Spring 2025 Software Engineering Internship to apply technical expertise and leadership abilities to develop meaningful and scalable software solutions.

EDUCATION

Ramapo College of New Jersey, Mahwah, NJ, *August 2022 - June 2026*
Bachelor of Science in Computer Science
Presidential Scholarship Recipient (full-tuition merit award)
Relevant coursework: Software Design, Data Structures & Algorithms, Machine Learning, Web Application Development, and Data Analysis & Visualization.

TECHNICAL SKILLS

Programming Languages: Java | C++ | JavaScript | TypeScript | Python
Development Tools: Microsoft Visual Studio Code | Android Studio | GitHub | Git
Frameworks and Libraries : React.js | Google Flutter | Pandas | Microsoft Playwright
Cloud & Databases: SQL | Google Cloud Platform | MongoDB

RELEVANT PROJECTS

Assembler and Emulator for VC407 Computer, NJ, *Fall 2024*
Software Developer (C++)
- Built an assembler and emulator for a simulated VC407 computer in C++.
- Translated over 30 symbolic instructions into machine code, leveraging a two-pass assembly process.
- Improved maintainability and scalability by applying modular design and Agile practices.

Social Media Engagement Analysis, NJ, *Fall 2024*
Data Scientist / Developer (Python, Pandas, Scikit-learn)
- Collected and preprocessed engagement data (likes, comments, views) from over 250 Instagram posts via REST API requests.
- Implemented ML models (Random Forest, Gradient Boosting, KNN), achieving up to 88% classification accuracy.
- Created data visualizations to identify posting trends and optimize content strategies.

RELEVANT EXPERIENCE

Google Developer Student Club, Mahwah, NJ, *August 2023 - May 2025*
Lead for Ramapo College
- Organized first DevFest Event on campus, bringing together over 50 students for keynote and hands-on technical workshops.
- Led a hands-on Android development workshop leveraging Java, teaching students how to develop and deploy apps using Android Studio
- Directed a team of 8 to deliver diverse workshops and coding events, fostering a vibrant developer community

EXTRACURRICULAR ACTIVITIES

Computer Science Club, Mahwah, NJ, *April 2022 - June 2024*
Founding President
- Initiated and established the Computer Science Club, creating a student-led hub for campus tech community.
- Organized and oversaw over 10 workshops on React.js, portfolio building, and collaborative software development practices.
- Built and maintained club's website using HTML, CSS, and JS to showcase events and provide resources to over 150 students.