BENJAMIN McCABE

benmcca.com | linkedin.com/in/benmcca | github.com/benmcca
benmccabe19@gmail.com | (201) 675-5676 | NYC Area

Education

Albert Dorman Honors College, New Jersey Inst. of Technology   *Expected Grad: May 2025*
Bachelor of Science in Computer Science, **GPA:** 3.89/4.00, Dean's List
Courses: Adv. Data Structures & Algorithms, Adv. Web Development, C Programming, Object-Oriented Programming, Computer Networks, Data Science, Database Design & Management

Professional Experience

Software Engineer Intern, Optum / UnitedHealth Group - Boston, MA   *June '24 - Aug. '24*
- Migrated Jenkinsfile Pipelines to Github Actions, seamlessly integrating with a preexisting codebase on Github, improving security and enhancing monitoring of CI/CD processes for over 60 repositories.
- Achieved cost savings of $400k by eliminating licensing, storage, computing, and support costs.

Part-Time Developer, Colgate-Palmolive - Piscataway, NJ   *Sept. '23 - May '24*
- Automated CSV file transfers from AWS S3 to Google Drive using AWS Lambda, and developed a Google Apps Script to detect and convert these incoming CSV files to Google Sheets.
- Collaborated with interns to create a server status dashboard using Google Apps Script and Splunk data, enhancing system health visibility with real-time updates.
- Integrated a Python script with Splunk for automated data retrieval from the Rapid7 API and built user-friendly Splunk dashboards with interactive filters and time pickers.

Software Engineer Intern, Optum / UnitedHealth Group - Basking Ridge, NJ   *June '23 - Aug. '23*
- Designed and developed an internal job board React App, with static and dynamic data retrieval endpoints using NodeJS to connect the database to the front-end allowing users to view and interact with the positions offered.
- Implemented drag-and-drop, filters, and search bar functionality to improve user experience when applying to roles.
- Incorporated SQL update queries and update endpoints to modify the database based on user interactions.

Developer Intern, Colgate-Palmolive - Piscataway, NJ   *June '22 - May. '23*
- Developed multiple Google Chrome Extensions using Google Apps Script to automate data reporting and maintain synchronization of Test & Production databases on Splunk, resulting in improved ticket completion rates.
- Utilized the Stonebranch automation tool to schedule and manage IT processes held on SAP and Linux servers.

Projects

myRotations (Full-Stack) | myrotations.vercel.app | React, Express, Node, MongoDB   *May '24*
- Built a MERN stack based social media platform, integrating iTunes API for music album display and listening, along with user commenting, prioritizing fluid UI and an interactive user experience.
- Implemented advanced features such as a search bar with filtering options, user authentication for commenting, and functionality for editing or deleting comments, enhancing user interaction and experience.

NJIT Bytes (Backend) | njitbytes.co | React, Express, Node, Google Cloud Platform   *Nov. '23*
- Collaborated with a team at HackNJIT '23 to develop a Diet Recommendation Web App, leveraging NJIT's dining hall API and OpenAI API to recommend daily meal plans to users.
- Focused on creating backend routes, GCP Triggers for data fetching, and storing data in GCP Buckets.

Leadership

Scrum Master, Optum / UnitedHealth Group - Boston, MA   *June '24 - Aug. '24*
- Led a team of interns by facilitating daily standup meetings, end-of-sprint retrospectives, and managing the Agile Board to effectively delegate tasks and ensure successful project delivery.

Computer Science Tutor, New Jersey Inst. of Technology - Newark, NJ   *Jan. '22 - Present*
- Hosting weekly open lab sessions and offering personalized one-on-one appointments to assist students focusing on programming in Python, C++, Java, and JavaScript to achieve academic success.

Skills

Languages: JavaScript, Python, C, C++, HTML, CSS, PHP, Java, Bash, SQL, MQL, SPL
Technologies: React, Node, Express, MongoDB, GHA, Jenkins Pipelines, Google Apps Script, AWS Lambda, Splunk, Google Cloud Platform, Postman, Git