

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:** 3.871/4.00, 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

Developer Intern, Colgate-Palmolive - Piscataway, NJ

Sept. '23 - Present

- Deployed an AWS Lambda function to automate CSV file transfers from an AWS S3 bucket to Google Drive.
- Developed a Google App Script to automate the conversion of CSV files in a Google Drive folder to Google Sheets for accessibility and efficiency.
- Collaborated with interns to create a server status dashboard with Google Apps Script, using data retrieved from Splunk to showcase system health updates, and enhance server status viewability for the team.
- Integrated a Python script into Splunk to populate tables with data fetched from the Rapid7 API automatically.
- Built and formatted Splunk Dashboards with dropdowns and time pickers to allow an intuitive interface for users to interact and visualize Rapid7 data.

Software Engineer Intern, Optum / UnitedHealth Group - Basking Ridge, NJ

June '23 - Aug. '23

- Designed and built 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.
- Streamlined employee tasks and enhanced team efficiency by creating workflow tools and scripts to reduce manual tasks, resulting in improved ticket completion rates.
- Utilized the Stonebranch automation tool to schedule and manage IT processes held on SAP and Linux servers.

Leadership

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.

Volunteer, Habitat for Humanity - Fairfield, NJ

Jan. '22 - Present

- Volunteering 15 hours per semester for 2 school years, demonstrating dedication and commitment.
- Led teams of volunteers, delegated tasks effectively, and actively participated in team-based construction projects.

Projects

Personal Website | benmcca.com | Javascript, CSS, HTML

Jan. '24

- Designed and developed a personal portfolio website to showcase creativity and a passion for web development.
- Overcame challenges in JavaScript and CSS, creating an interactive user experience and a visually appealing site.

NJIT Bytes (Backend) | njitbytes.co | Google Cloud Platform

Nov. '23

- Collaborated with a team at HackNJIT '23 to develop a Diet Recommendation Web App, leveraging our school's dining hall API and the OpenAI API to recommend daily meal plans to users.
- Created routes for communication between frontend and backend, implemented GCP Triggers to automate daily fetches from dining hall API, and stored that data in GCP Buckets.

Skills

Languages: JavaScript, Python, C, C++, HTML, CSS, PHP, Java, Bash, SQL, MQL, SPL

Technologies: React.js, Node.js, Express.js, MongoDB, Google Apps Script, AWS, Splunk, Google Cloud Platform, Postman, Oracle, SQL Server, Git, Anaconda