Malcolm Stone

malcolmstone11@gmail.com (206)-300-7408

Education

Rollins College | Winter Park, FL
Master of Business Administration (MBA)
Expected May 2029

Rollins College | Winter Park, FL
Bachelor of Science in Computer Science
Expected May 2027

The Crefeld School | Philadelphia, PA
High School Diploma
June 2023

Experience

Rollins STEM Student Council, *Rollins College, Winter Park, FL*
   September 2026-present

Trip Leader and Field Staff, *Overland Summers, Williamstown, MA*
June 2024-August 2024 & June 2025-August 2025
- Co-led two-week-long hiking and camping trip in New England & Denver for 4th-6th-grade campers; ensured safety, inspired confidence and enthusiasm, instilled spirit of teamwork and problem-solving

Computer Science Club, *Rollins College, Winter Park, FL*
   September 2023-present

Head Youth Coach, *Philadelphia Rock Gym, Wyncote, PA*
May 2021-Aug 2023
- Instructed student climbers of all levels/ages in proper technique and safety
- Developed skills, motivated climbers to achieve goals, evaluated student progress, and communicated with parents
- Managed site coaches, ensured smooth operation of classes, maintained records, upheld coaching standards, and facilitated special events

Technical Skills

Programming Languages: Python, Java, Swift, C, C++,JavaScript, TypeScript, R, Go

Web Development: React & React Native, Vue.js, Next.js, HTML, PUG, CSS, STYLUS,

Databases: SQLite, MySQL, PostgreSQL

Other: Docker & Compose, Kubernetes, CI/CD pipelines, Terraform, Gravana, Loki, Prometheus, Helm

Relevant Coursework

- Introduction to Computer Science I & II
- Discrete Mathematics
- Data Structures and Algorithms
- Object-Oriented Design and Development
- Introduction to Computer Systems
- Computational Photography
- DevOps
- Data Analytics
- Independent Study
  - Researched how to compose more efficient emails
  - Used AI to compose the "best" and most effective emails for students

Projects

- ❖ Chat App
  - ➢ Built with typescript, ejs, and MySQL
  - ➢ Uses web sockets and allows for both 1:1 and 1:n chat rooms
- ❖ Java Store
  - ➢ Built with Node.js and MySQL for the server & Maven Java for the application
  - ➢ Allowed users to distribute Java JAR files for application-based services
  - ➢ Allowed for simple version control of the different jar files
- ❖ UML Creator
  - ➢ Built in React, and serverless Node with PostgreSQL
  - ➢ Uses a serverless framework with comprehensive user monitoring
- ❖ Handwrite
  - ➢ Built in React, react native, and Node.js, as well as MySQL
  - ➢ This service will allow people with dyslexia and other learning-based disabilities to use OCR (image to raw text) and TTS (text to speech) to read with human-like voices
- ❖ Database Pro
  - ➢ Written solely in Swift
  - ➢ This Mac or app will allow developers to connect to databases and edit/manage databases.
- ❖ Bash AI Assistant
  - ➢ Built a bash library that uses the ChatGPT api and prompt engineering
  - ➢ Able to interact with projects, git, and the internet