

MALIK BAKER

+1 (908) 656-2404 ♦ malikbaker75@gmail.com ♦ <https://malbaker.me>

EDUCATION

B.A. Computer Science, Boston University

Expected May 2024

Relevant Courses: Computer Systems, Data Structures and Algorithms, Software Engineering, Analysis of Algorithms, Analysis of Programming Languages, Distributed Systems, Full-Stack Development

SKILLS

Languages	Python, TypeScript, JavaScript, HTML, CSS, Java, Bash, PowerShell, Latex
Frameworks & Libraries	React, Node.js, Firebase, Tailwind, Flask, Spring Boot, Next.js, Express
Technologies & Tools	Linux, Git, ServiceNow, Jira, Docker, MongoDB, MySQL, PostgreSQL

EXPERIENCE

Software Engineer Intern

Nov 2023 - Present

Hariri Institute for Computing: Software and Application Innovation Lab

Boston, MA

- Developing a user-interactive platform in React, to journalism outlets in analyzing media bias in their articles covering the city of Boston.
- Spearheading the implementation of user authentication and organizations for said users in order for different groups to examine the bias of articles from their respective journalism source.

I.T. Support Specialist

Oct 2021 - Dec 2023

Boston University

Boston, MA

- Evaluated thousands of tickets monthly in ServiceNow and collaborate with senior engineers and team leads to maintain efficient operations within the BU Information Services and Technology network.
- Performed troubleshooting such as running onboard diagnostics, hardware evaluation, and data removal on end-of-life Mac and Windows machines to ensure safe termination and disposal of departmental assets.
- Operated imaging servers to bootstrap and deploy hundreds of new machines quarterly with Windows or macOS, along with proprietary device management software.

Production Engineering Fellow (Meta)

May 2022 - Aug 2022

Major League Hacking Fellowship

Springfield, MO (Remote)

- Engineered a production environment for running a web application using a Virtual Private Server, with a connected MySQL database, and a secure web server with containers using Docker Compose.
- Analyzed resource management metrics within several Docker containers through Prometheus monitoring and visualized collected data with Grafana dashboards.
- Automated unit testing and deployment using Bash scripts along with GitHub Actions CI/CD workflows to minimize downtimes by 50% when administering updates.

PROJECTS

dibs! — *React, Tailwind, Firebase, JavaScript*

A project led by four students at Boston University with the goal of making affordable furniture more accessible.

Personal Website — *Next.js, React, JavaScript*

Website created as a simple way for people to learn about my work, my interests and how to contact me.

Community Discord Bot — *JavaScript, Node.js, Discord.js*

Discord chatbot performing moderation and administrative tasks in a community server with 1700+ members.