

# Ahmed Mikky

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## EDUCATION

### Bloomfield College of Montclair State University | Bloomfield, NJ

B.S in Computer Science and Mathematics, GPA: 3.9

September 2020 - December 2023

Undergraduate Coursework: Data Structures and Algorithms, Database Management, Operating Systems, Programming III, Systems Analysis and Design, Mobile Applications, Computer Architecture.

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## SKILLS AND TECHNOLOGIES

Java | Python | HTML | CSS | Linux | Git | AWS | MySQL | Android Studio | Figma | Eclipse | VSCode | DBeaver

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## PROFESSIONAL EXPERIENCE

### Information Security Analyst

October 2022 - February 2024

#### New Jersey Courts

Trenton, NJ

- Completed an average of 100 *Salesforce* tickets per week, demonstrating exceptional efficiency and problem-solving skills in resolving customer issues and ensuring high levels of customer satisfaction.
- Analyzed incidents reported on *IBM Security QRadar* and inspected them with security tools such as *VirusTotal* and *Forescout* to determine any malicious activity.
- Successfully deployed and hardened a secure *Linux* virtual machine on *VirtualBox*, utilizing *CentOS*, ensuring a reliable and optimized deliverable.

### App Development Instructor (Online)

September 2021 - December 2021

#### Blissful Us

Newark, NJ

- Taught app development to 20 middle and high school students over the course of 6 weeks to increase technological literacy and encourage STEM educational outcomes.
  - Instructed students with powerpoints and the *MIT App Inventor* website in which they were then able to create small applications for their final project.
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## PROJECTS

### Reservar

January 2023 - May 2023

- Spearheaded and managed 3 teams (web developers, app developers, and QA team) in a semester-long capstone in creating a parking application to help facilitate convenient parking for Bloomfield College students.
- Successfully oversaw the implementation of the frontend using the *React* framework, creating a user-friendly website for parking reservations, and played a key role in developing the backend infrastructure with 3 servers (production, development, and *Bugzilla*) running on *AWS cloud* with an *Ubuntu OS*.
- Solely managed and integrated IoT technology, utilizing *Raspberry Pi's*, *RFID readers*, and *LCD screens* to enhance the app's functionality, providing real-time parking availability updates, and improving the overall user experience.

### MassSportsNews App

April 2022 - May 2022

- Directed a group of 4 team members for a semester-long project to develop an application using *Android Studio* and *MySQL* that provided recent sports news, tickets for sports events, and a live score count for sports games.
- Planned, organized the schedule, and assigned tasks throughout the semester for the project using *GitHub* and designed the wireframes with *Figma*.
- Utilized the NY Times, Odds, and Eventbrite *API* to retrieve and prepare *JSON* data to be displayed on the application.
- Presented application in front of faculty audience to be judged and received best overall project out of 4 groups.

### Banking Program

December 2021

- Designed a cohesive banking program in Java with accounts, tellers, managers, banks, ATMs, and transactions which heavily emphasized *Object-Oriented Programming* concepts and *generics*.