

# AHMED HANDULLE

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## EDUCATION

### Marist College

Bachelor's, Computer Science

Dec 2020 - Dec 2024

GPA: 3.2

**Relevant Courses:** Software Development I (Java), Software Development II (JavaScript/Node.js/Express.js), Database Management (SQL), Algorithm Analysis + Data Structures, Computer Organization and Architecture (VM, Assembly, Abstraction), Systems Design, Data Communications and Networks, Statistics, Calculus, Linear Algebra

**Awards:** Marist College Four-Year Scholarship, Dean's List (Spring 2022)

## EXPERIENCES

### Mastercard

Data Analyst Intern

St. Louis, MO, USA

June 2023 - August 2023

- Conducted quantitative and qualitative analysis on large datasets to derive insights and support decision-making processes
- Created a visually appealing and informative dashboard using Domo to visualize Incidents (transaction failures) data and monitor the impact of specific incidents over time to be used for executive leadership.
- Utilized Splunk to collect, index, and analyze machine-generated data while developing expertise in Splunk Processing Language, and created a comprehensive dashboard for a BizOps team to effectively monitor application health metrics and their dependencies.

### Marist College

Web Developer

Poughkeepsie, NY, USA

September 2022 - May 2023

- Assisted the Web Services team with developing web pages and Java portlets using HTML, CSS, JavaScript, and Java with framework/libraries such as React and Spring Boot.
- Tested web applications on multiple devices, browsers, and operating systems including Chrome, Firefox, Safari, and Edge on iOS, Android, Windows, and macOS.
- Assured the required assets, tags, scripts, media files, and associated data are on all web pages to support analytics, SEO, accessibility, and other web-related activities.

### Goldman Sachs

Insight Series Summer Program

Remote

June 2022 - July 2022

- Selected out of over 10,000 applicants to participate in an exclusive summer program to learn about various roles and engineering divisions at Goldman Sachs.
- Networked with professionals across the firm to gain insights into financial markets.
- Received interview tips, resume building, and networking skills.

## PROJECTS

### AI Integration with Agora ([www.freeagora.org](http://www.freeagora.org))

- Developed AI Integration for Agora, an open-source collaborative learning platform that enhances academic research by providing real-time AI-driven literature recommendations and streamlined citation capabilities
- Created an intuitive user interface for the AI integration, ensuring a user-friendly experience with Bootstrap and EJS
- Implemented adaptive AI prompting with JavaScript, Node.js, Express, and PostgreSQL, building a robust backend/API that enabled the system to customize suggestions for users and optimize their research or note taking processes
- Overcame challenges, including data reliability and source validation, to seamlessly integrate AI to enrich Agora

## SKILLS & INTERESTS

**Skills:** JavaScript, Java, Python, React.js, Node.js, Express.js, Typescript, REST APIs, HTML/CSS, Bootstrap, SQL, Postgres, MySQL, Git, Power BI, Splunk, Jenkins, File Systems, Linux/Unix, TCP/IP, UI/UX Design, Web Development, Data Structures & Algorithms, R, Data Analysis, Computer Networking

**Interests:** Full-Stack Dev, Mobile Dev, Automation, Machine Learning & AI, Chess, Soccer

## EXTRACURRICULAR ACTIVITIES

### Student Government Association IT Board

Webmaster

Poughkeepsie, NY, USA

August 2023 - Present

- Manage SGA website, ensure accurate information and facilitate student body elections to enhance online voting experience

### Computer Society Club

Technical Workshop Coordinator

Poughkeepsie, NY, USA

April 2023 - Present

- Plan and organize technical workshops and training sessions for club members, selecting relevant topics and speakers