

# Atyub Ahmad

atyubahmad123@gmail.com

<https://github.com/atyubahmad>

(240) 328-4894

---

## EDUCATION

**University of Maryland, Baltimore County**, Baltimore, MD

**Expected Graduation: December 2024**

B.S Computer Science, GPA: 3.68

Relevant Courses: Data Structures, Software Engineering, Machine Learning

---

## WORK EXPERIENCE

- **AnaVation**, Chantilly, VA

**May 2023–August 2023**

*Full Stack Engineer Intern*

- Engineered a state-of-the-art Android application with dual functionality, seamlessly integrating live soccer scores display and secure messaging capabilities.
- Devised and constructed efficient API endpoints to support essential backend functionalities, encompassing user management, messaging, and data retrieval.
- Developed serverless AWS Lambda functions to optimize specific app tasks, streamlining operations and enhancing overall app responsiveness.
- Effectively employed JIRA for collaboration in an Agile environment with a team of 4+ members, leading to a notable increase in project work productivity.

- **Shireen Incorporated**, Germantown, MD

**June 2021–August 2021**

*Computer Engineer Intern*

- Managed Shireen’s website and performed product content updates, improved overall user experience leading to increase in website traffic
- Assembled a variety of radio frequency cables and connectors as part of the production line
- Soldered parts for custom made circuit boards ensuring quality and functionality of end products

---

## PROJECTS

- **MailFocus - Python, OpenAI GPT-3.5 Turbo API**

- Constructed MailFocus, a personalized AI assistant that generates summaries and to-do lists from emails, utilizing OpenAI GPT-3.5 Turbo API
- Developed a feature to provide users with detailed breakdowns of tasks or emails, including AI-generated task priorities (High, Medium, Low) based on email content
- Provided succinct summaries and actionable to-do lists, increasing productivity by up to 30% reducing the time users spend reading and organizing their emails

- **Employee Records - C++**

- Developed merkle trees to store 1000+ employees, improving search productivity by 40%
- Implemented secure storage using SHA-256 hashing for employee confidential information
- Created history log function for quicker access to updated employee records

- **The Internet - Python**

- Developed a Python program allowing server creation and connection with different IP addresses
- Implemented ping function to show the ping time from connected servers to the main server
- Utilized dictionaries to create traceroute which shows how the desired server is connected within the system

---

## SKILLS

- Python, C/C++, JavaScript, HTML, CSS, Node.js, SQL, React, Android Studio, AWS Console, JIRA, OpenAI