

# Waleed Raza

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## Objective:

I am an immensely passionate and dedicated student seeking a challenging and hands-on internship in software engineering, utilizing my foundational computer science knowledge and skills, and eagerness to learn and grow as a professional in the industry.

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## Work Experience:

### ClayDesk New Jersey – Remote

#### *AWS Support Intern* (June 2022 - August 2023)

- Assisted in migrating on-premises infrastructure to AWS Cloud
- Estimated migration costs using a TCO calculator.
- Managed IAM users, groups, and roles in an AWS Cloud Platform
- Configured EC2 instances, security groups, and networking components.
- Implemented fault-tolerant and scalable AWS infrastructure.
- Utilized CloudFormation templates for resource provisioning.
- Worked with CI/CD tools for code deployment.

### George Mason Computer Science Club:

#### President (2023-2024)

- Organized and hosted a wide range of events, including workshops, coding sessions, and guest speaker talks, to provide valuable learning opportunities for members.
  - Responsible for coordinating and overseeing GMU's Spring 2024 hackathon.
  - Developed and managed strategic partnerships with industry professionals and companies (Freddie Mac) to offer networking opportunities and industry insights to club members.
  - Actively promoted diversity and equity in computer science by creating an inclusive environment that encouraged participation from individuals of all backgrounds
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## Certifications and skills:

### Skills:

- Programming Languages: Python, Java, C, HTML, CSS, JavaScript
- Web Development: Django, React
- Database Management: SQL, Mongo DB
- Data Structures & Algorithms implementation
- User Interface (UI & UX) Design
- Github/git

## Education:

### George Mason University Computer Science BS, Computational Data Science Minor; Graduation: May 2025

- Relevant Coursework includes:
  - Intro to Computer Programming (Python)
  - Object-Oriented Programming (OOP Java)
  - Data structures & Algorithms (DSA Java)
  - Low-level Programming (C)
  - Discrete Mathematics
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## Projects:

- Please navigate to my site to see what I've worked on under the "projects" tab!
- [WaleedTheConqueror.Github.io](https://waleedtheconqueror.github.io)
- Medical Assistance Accessibility tool – Made for Johns Hopkins Hackathon
  - Uses chatGPT API, HTML, CSS, JS, Voice recognition webspeechkit library, google cloud
  - Tool which listens to 30 min or plus of medical conversation or information and summarizes it to laymans terms, Simulates conversation with physician – integrated into a webpage in form of tools
- Python hand-recognition shortcuts application using OpenCV library
  - Shortcuts using hand motions detected by camera rather than key commands, user can use hand motions for copy function, move desktop, open browser, move between screens etc