

# Hasan A. Zaidi

Hassan.zaidi0122@gmail.com | (813) 470-0793 | Tampa, FL | [github.com/hasanzaidi1](https://github.com/hasanzaidi1) | [hasanzaidi1.github.io](https://hasanzaidi1.github.io)

## OBJECTIVE

Seeking an internship in software engineering role leveraging education and internship experience in coding, testing, troubleshooting, and project development.

## EDUCATION

Bachelor of Science, Major in **Information Technology**  
University of South Florida

Graduation Date: **December 2024**  
**GPA: 3.42/4.00**

**Key specialized courses:** Software System Development, Advance Program Design, Data Structures, Computer Networks, Penetration Testing, Bridge to Abstract Mathematics, Mathematical Statistics, Calc I-III, Linear Systems, Linear Algebra, Discrete Structures, DevOps, Cloud Computing,

## SKILLS

Platforms/Operating Systems: Android, iOS, Windows 10/11, Mac OS, Linux  
Programming: C (Array, Structures, Pointers), Rust (Ownership, Vectors, Enums), C#, Java (Object Oriented Programming), JavaScript, HTML, CSS (Bootstrap), Groovy, Python, Dart, Bash  
Technologies/Environment: MySQL, MSSQL, MATLAB, Eclipse, AutoCAD, Adobe Photoshop, Adobe InDesign, MS Visual Studio, Microsoft .NET Framework, Selenium Framework, Azure DevOps, Jira, Git, Flutter, AWS, Agile, Scrum, Waterfall  
Network tools: Wireshark, Network Enumeration  
Soft Skills: Organized, Sequential work, Abstract views.

## RELEVANT EXPERIENCE

**QA Automation Engineer Intern**, WebstaurantStore, Lititz, PA

May 2023 – Aug 2023

- **Developed** and **maintained** automated test scripts using **Selenium** WebDriver and **Groovy** for software stability and defect identification.
- **Conducted** regression testing to ensure software **reliability** and **performance**.
- Implemented **Agile** methodologies to **design** and **optimize** Common Classes, reducing coding time and promoting test case **reusability**.
- **Enhanced** automated test suite performance through **script optimizations**, demonstrating **adaptability** in a dynamic environment.

**USF Global Tech Internship**, USF, Tampa, FL

May 2022 – Aug 2022

- Applied HTML, CSS, and JavaScript for **web development** projects.
- Utilized front-end frameworks like **React** and **Angular** to enhance user interfaces.
- Implemented **server-side** logic with **Node.js**.

## KEY PROJECTS

**Spotting The Hacker Project**, USF

Jan 2023 – May 2023

- Led a team of three students in the development of a robust C program for real-time **error checking** of incoming data packets.
- Implemented multiple error-checking methodologies, including **Checksum**, **Parity Check**, and **2D Parity Check**. The program efficiently read and processed data bytes, applying the respective error-checking algorithms to **ensure data integrity and reliability**.

**Securing The Message Project**, USF

Jan 2023 – May 2023

- Developed a vigorous **RSA encryption algorithm** using Rust to enhance **message security**.
- Designed and implemented encryption algorithms while adhering to secure coding practices, ensuring **data confidentiality** and **integrity**.
- Emphasized encryption strength to establish a **secure foundation** for communication.

## LEADERSHIP AND AFFILIATIONS

- IEEE Computer Society (member since 2022), USF Student Chapter Dec 2022 – Present
- ACM (Association for Computing Machinery), USF Student Chapter Aug 2023 – Present
- USF Swimming Club Aug 2022 – Present