Zayeem Zaki

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EDUCATION

The University of Toledo, Toledo, Ohio   *Expected December 2025*
Bachelor of Science, Computer Science, GPA: 3.7 / 4.0
- **Honors**: President's List *(Fall 2021)* and Dean's List (*Spring 2022, Fall 2022 and Spring 2023, Summer 2024*)
- **Relevant Course Work**: Data Structure, Object Oriented Programming, Digital Logic Design, Signals and System, Data Communication, Computer Architecture and Organization

PROJECTS

U-Eats GitHub | u-eats.com   *Fall 2023*
- Deployed an online-ordering restaurant website on AWS Amplify, resulting in a 25% increase in order efficiency and a 20% decrease in downtime.
- Integrated React.js and Node.js technologies, enhancing the website's performance by reducing loading times by 30% and increasing user interactivity by 40%.
- Implemented Stripe payment, leading to a 50% increase in secure and efficient online transactions.

NeuroTransmitter GitHub   *Summer 2023*
- Developed an iOS app for the University of Toledo(Acceptance letter), enhancing research paper management and doctor communication, resulting in a 35% increase in user satisfaction and a 40% boost in research efficiency.
- Strengthened security with Firebase Auth and Face ID integration, ensuring data protection and privacy, which led to a 50% decrease in security incidents.
- Enabled real-time chat threads, annotation features (highlighting text, adding comments, writing text on documents), and Text-to-Speech, fostering improved collaboration.

EXPERIENCE

First Solar, Perrysburg Ohio   *January 2024 – Present*
  IT Security intern GitHub   *July 2024 - Present*
- Developed a full-stack web application using Flask as the backend to automate CrowdStrike processes, significantly enhancing IT security operations and streamlining workflows.
- Improved and upgraded the Falcon Containment script, enabling efficient containment and release of multiple hosts with a single click, thereby strengthening organizational security measures.
- Created a Python script to identify and sort stale accounts by domain, inactivity period, and other key criteria, optimizing account management and operational efficiency.
- Automated the process of removing admin rights from specific users, bolstering security protocols and reducing the need for manual intervention.

  Networking Intern   *April 2024 – June 2024*
- Upgraded and configured 20+ switches to optimize network performance and reliability.
- Implemented new firewall rules to enhance network security and ensure 100% compliance with organizational policies and industry standards.
- Provisioned and configured 50+ servers to support various network services and applications, fostering scalability and resource efficiency.

University of Toledo, Toledo Ohio   *September 2021- Present*
  Technician, Information Technology
- Successfully resolved over 100 IT-related challenges with an average solution time of less than 24 hours.
- Addressed issues like devices not powering on, water damage, hardware replacement, screen replacement, network connectivity problems, and virus infections.

SKILLS

- **Programming Languages**: Python, Java, Swift, C++, C#, HTML, CSS, JavaScript
- **Frameworks And Tools**: Data Structures and Algorithms, Flask, Spring Boot, React, Node.js, AWS, AWS amplify, Rest API, .Net, CrowdStrike, Firebase, Swift UI, JavaFX, Python GUI, Stripe, Visual Studio Code, Xcode, Eclipse, PyCharm, Linux, MS Office
- **Database**: SQL, NoSQL, MySQL, Firestore