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 Structures and Algorithms, Object Oriented Programming, Software Engineering, Machine Learning, Database Management Systems, Operating Systems And Systems Programming, Programming Languages and Paradigms, Senior Design Project I, Theory of Computation.
- **YouTube Channel**: [AlgoAcez](#) – Creating educational content on Data Structures and Algorithms, accumulating 1500+ views and 60+ subscribers

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.

Neuro-Transmitter [GitHub](#)   *Summer 2023*

- Developed and deployed an iOS app for the University of Toledo ([Recommendation Letter),](#) enhancing research paper management and communication among doctors, leading to a 35% increase in user satisfaction and a 40% improvement in research efficiency, available unlisted on the [Apple App Store](#).
- 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.

  IT Network 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*
  IT Student Tech

- 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, Rust
- **Frameworks And Tools**: Data Structures and Algorithms, Flask, Spring Boot, React, Node.js, AWS, AWS Amplify, Rest API, .Net, CrowdStrike, Rapid 7, Firebase, Swift UI, JavaFX, Python GUI, Stripe.
- **Database**: SQL, NoSQL, MySQL, Firestore