Zayeem Zaki

zayeemzaki45@gmail.com | 567-801-7023 | [Portfolio](#) | [GitHub](#) | [LinkedIn](#) | [Leetcode](#) | [YouTube](#)

EDUCATION

The University of Toledo, Toledo, Ohio   *Expected December 2025*

Bachelor of Science, Computer Science, GPA: 3.6 / 4.0

- **YouTube Channel**: [AlgoAcez](#) – Creating educational content on **Data Structures and Algorithms**, accumulating **1800+ views** and **80+ subscribers**

EXPERIENCE

CCC intelligent Solutions, Chicago Illinois

Software Engineer intern   *May 19 – Present*

- Building a **Spring Boot** FIR application at CCC Intelligent Solutions that reduces a **2-week** manual process to **2 seconds** through automation and scalable backend services.
- **Created** a mini **Node.js service** for Puppeteer-based PDF generation and deployed it using **Docker**, improving form rendering accuracy by **90%** in a **Spring Boot + Vue.js app**.
- Built **60+** custom HTML forms with inline styles, collaborating with stakeholders to gather form data, and optimized them for dynamic PDF generation and internal use.
- Fixed UI issues and enhanced responsiveness using Vue 3, reducing layout bugs by **70%.**
- Developed reusable common-ui components for CCC's **flagship product**, reducing front-end development effort by over **3x.**

First Solar, Perrysburg Ohio   *January 2024 – December 2024*

IT Security Intern   *July 2024 – December 2024*

- Developed a full-stack web application using **Flask** and **Python** to **automate** CrowdStrike processes, resulting in a **30%** reduction in IT security operation time and a **25%** improvement in workflow efficiency.
- Improved and upgraded the Falcon Containment script using Flask APIs, enabling **efficient containment** and **release of multiple hosts with a single click**, which strengthened organizational security measures by **40%**.
- Created a **Python script** to identify and sort **stale accounts** using domain and inactivity period analysis, resulting in a **50% improvement** in account management efficiency.
- **Automated** the **removal of admin rights** using CrowdStrike's Real-Time Response APIs, bolstering security protocols and reducing manual intervention by **60%**.

IT Network Intern   *April 2024 – June 2024*

- Upgraded and configured **20+ switches** to optimize network performance and reliability.
- Provisioned and configured **50+ servers** to support various network services, fostering scalability.

University of Toledo, Toledo Ohio.   *September 2021– Present*

Peer Mentor   *January 2025 - Present*

- Mentored **30+** students in foundational programming concepts and **Object-Oriented Programming principles**, improving their coding proficiency by 30% based on assignment scores.
- Provided detailed feedback on **5+** projects, fostering problem-solving skills.

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*

- Deployed an iOS app for the University of Toledo ([Recommendation Letter),](#) enhancing research paper management and communication among doctors, 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, resulting in a **35% reduction** in task completion time.

SKILLS

- **Programming Languages**: Python, Java, Swift, C++, HTML, CSS, JavaScript
- **Frameworks and Tools**: Data Structures and Algorithms, Flask, Spring Boot, React, Vue, Node.js, AWS Amplify, Rest API, .Net, CrowdStrike, Rapid 7, Firebase, Stripe

- **Database**: SQL, NoSQL, MySQL, Firestore