

# Jonathan Ecton

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**Software Development:** Agile Frameworks (Scrum, Kanban), CI/CD (GitHub Actions), Git, TDD, BDD, SDLC, REST APIs

**Programming Languages:** C++, Rust, Python, Java, Dart

**Web Development & Front/Back-End:** HTML, CSS, Bootstrap, JavaScript, Flutter, Ruby on Rails, Flask, Django, SQL

**IT Infrastructure & Tools:** Active Directory, DNS/DHCP, Virtualization, ManageEngine Suite including ServiceDesk Plus, DDI Central, AD Manager Plus

## EDUCATION

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**B.S. Computer Science** *GPA: 3.43*

Dec 2023

University of Texas Rio Grande Valley, Edinburg, TX

**A.S. Computer Science**

Dec 2022

South Texas College, McAllen, TX

## PROJECTS

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**SecureLens** | *Senior Project*

Aug 2023 - Dec 2023

- Developed an Automatic License Plate Reader (ALPR) to enhance after-school pick-up efficiency and strengthen campus security in grade schools.
- Led a cross-functional team utilizing GitHub Projects for task management and organized weekly meetings to foster collaboration and project alignment.
- Implemented Agile methodologies, focusing on iterative development with frequent commits and regular team check-ins for idea sharing and progress updates.
- Designed user interfaces in Figma and translated them into responsive web pages using HTML and CSS.
- Collected and analyzed UX/UI feedback from elementary school staff to enhance the overall user experience.
- Developed a custom-trained OpenCV model with YOLOv8, utilizing a self-created dataset for improved accuracy in object detection.
- Created a Flutter-based mobile application facilitating on-site child check-out for parents, streamlining the process.

**Ally** | *Frontera Hacks Hackathon*

Feb 2023

- An android app I developed at the Frontera Hacks Hackathon that won best social good project
- Developed with Android Studio using Java in a team size of 4.
- The app accepts user input and redirects users to government benefit websites related to their issue

## WORK EXPERIENCE

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**Technical Consultant** | *Zoho ManageEngine*

Sep 2024 - Jan 2025

- Demonstrated expertise in Active Directory and ManageEngine products, including ServiceDesk Plus, DDI Central, and AD Manager Plus, through detailed presentations to program leaders within the organization.
- Delivered product demonstrations of ManageEngine's IT management suite to company leadership, highlighting its capabilities in IT operations, security, help desk, endpoint management, and cloud infrastructure.
- Collaborated with a team of technical consultants to ensure a comprehensive understanding of ITSM tools and their seamless integration into diverse IT environments.

**Boilermaker Tower Mechanic** | *Koch Specialty Plant Services*

Oct 2014 - May 2022

- Supervised a team to maintain refineries, honing leadership and problem-solving skills in high-pressure environments.

**Youth Development Coach III** | *Texas Juvenile Justice Department*

Aug 2021 - Dec 2021

- Delivered direct supervision and care for youth, focusing on conflict resolution and behavioral management.

## ACTIVITIES

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- Developed an Android app at the Frontera Hacks Hackathon, which won the Best Social Good Project award.
- Participated in a Google Hack Research Hackathon hosted by UTRGV, and wrote a research paper on identifying a repeated sequence found within a large time series.