

# Jacob Poland

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## EDUCATION

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### Texas A&M University-Corpus Christi

*Bachelor of Science in Computer Science, GPA: 3.6*

Corpus Christi, TX

*Dec 2027*

### Del Mar College

*Associate of Arts in General Studies, GPA: 3.9*

Corpus Christi, TX

*May 2019*

## TECHNICAL SKILLS

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**Certifications:** CompTIA A+

**Programming:** Python, C++, Java

**Cybersecurity Tools:** Burp Suite, Wireshark

**Other:** ServiceNow ticketing, AI Prompt Engineering

## EXPERIENCE

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### IT Technician

*TAMUCC Technology Management Program*

May 2024 – Aug 2025

*Corpus Christi, TX*

- Completed 150+ university employee workstation setups.
- Streamlined laptop deployment process, imaging and configuring up to 10 systems simultaneously.
- Automated two record-keeping processes using Python and Batch scripts.
- Writes and updates technical documentation to support team productivity.
- Consulted with clients to identify computing needs and deliver tailored solutions.

### AgTech Research Intern

*Conrad Blucher Institute*

May 2025 – July 2025

*Corpus Christi, TX*

- Led a team to design and prototype a cost-efficient IoT crop-monitoring system integrating soil and canopy sensors.
- Programmed Arduinos and Maduino microcontrollers to power and query soil probes, transmit data via LTE, and log results to the cloud.
- Collaborated on 3-D design, housing fabrication, and data dashboards for real-time agricultural decision support.

### Member

*TAMUCC Cyber Society*

Aug 2024 – Present

*Corpus Christi, TX*

- Uses cyber security tools such as Burpsuite and Wireshark in a controlled virtual environment.
- Participates in weekly workshops to learn cyber security skills.

### Configuration Manager

*SMRT Vocab*

Aug 2024 – Dec 2024

*Corpus Christi, TX*

- Worked in a seven-person team to develop a language-learning app with Python.
- Managed the project's Git repository.
- Wrote documentation to support developers and end-users.
- Wrote dependency installation scripts.

### Web Designer

*Island Waves News*

Feb 2024 – May 2024

*Corpus Christi, TX*

- Ensured the website's security by enforcing a password policy.
- Collaborated remotely to refine the website's design.
- Efficiently managed time to meet job goals ahead of deadlines.