

Kyle, TX  
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# Andrew Joseph Martinez

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## Skills

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- Programming Languages: Java, Python, Typescript, Javascript, CSS, HTML, JSON, SQL, Bash
- Libraries/Frameworks: Django, FAST API, Flask, React.js, Vite, NGINX, Haystack, Bootstrap, TailwindCSS
- Tools/Platforms: Git, Docker, Github, Slack, Jira, Bitbucket, Boomi Flow/Integrate, Huggingface, MongoDB, mySQL, Redis, Oracle SQL

## Experience

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<b>Integration Programmer</b>	<b>St. Edward's University</b>	<b>Sep 2024 – Present</b>
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Austin, TX

- Automated office record updates, clearing 400 outdated entries using Boomi Integrate, reducing unnecessary manual workload.
- Developed a user-friendly interface with Boomi Flow and Integrate, enabling the Dean to efficiently update course instructors, reducing update time by hours.
- Built a scalable Grafana dashboard for real-time server monitoring, improving visibility into CPU, memory, and file space usage.

<b>A/V Specialist</b>	<b>St. Edward's University</b>	<b>Aug 2022 – Sep 2025</b>
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Austin, TX

- Upgraded 80 classrooms with 80 desktops, 50 projectors, and 80 remotes, enhancing learning and improving tech reliability.
- Configured 50+ Dell and Apple devices for faculty and staff, ensuring seamless integration with institutional policies and software.
- Resolved 90% of classroom technical issues within 1 hour, minimizing disruptions to classes and ensuring timely resolution of technical difficulties.

## Projects

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- **Transportation-as-a-Service Multi-Cloud Solution** (<https://github.com/ricky-yosh/wego>) An extendible platform to facilitate the creation of various TAAS products to interact with a ready-to-go fleet of automated vehicles. Backend: Django Python Framework, Frontend: React.js
- **ScriboAI** (<https://scriboai.tech/>) Generative AI tool to streamline creating courses for onboarding new employees into your organization. Backend: Django and FAST API Python Frameworks, Frontend: Vite/React with TypeScript

## Education

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<b>Austin, TX</b>	<b>St. Edward's University</b>	<b>Aug 2022   Dec 2025</b>
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- BS in Computer Science. GPA: 3.0, Coursework: Software Engineering, Data Structures & Algorithms, Intro to AI, Intro to Data Mining

<b>Austin, TX</b>	<b>Austin Community College</b>	<b>Aug 2020   Aug 2022</b>
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- AAS in LAN Administration. GPA: 3.6