

# Jake Gutierrez

979-676-3030 | [jakegut0108@gmail.com](mailto:jakegut0108@gmail.com) | [linkedin.com/in/jakegut](https://www.linkedin.com/in/jakegut) | [github.com/jakegut](https://github.com/jakegut)

Work Experience	<b>Rivet Health</b> Software Engineer	Sandy, UT June 2021 – Present
	<ul style="list-style-type: none"><li>Contributed to an established SaaS application in Angular, Node.js, and TypeScript</li><li>Interacted with third-party APIs to synchronize patient, payers, and appointment information</li><li>Troubleshooted and optimized PostgreSQL queries</li><li>Maintained Docker images to ensure a consistent developer environment</li><li>Utilized Datadog and Sentry to identify pain-points in our application</li><li>Migrated sections of Rivet's build system from Make to Bazel to increase build and testing performance</li></ul>	
	<b>Texas A&amp;M Engineering Experiment Station</b> Software Developer	College Station, TX June 2020 – May 2021
Education	<ul style="list-style-type: none"><li>Designed and implemented a REST API to store data from learning management systems</li><li>Developed full-stack web application using Python with Flask, React and PostgreSQL that asynchronously analyzes GitHub interactions</li><li>Designed API end points to provide data visualizations of GitHub participation</li></ul>	
	<b>Southwestern University</b> Artificial Intelligence Research Assistant	Georgetown, TX May 2019 – July 2020
	<ul style="list-style-type: none"><li>Innovated methods in Java and Python to generate video game dungeons based off of <i>The Legend of Zelda</i></li><li>Conducted a user study to compare AI generated and human-produced dungeons</li><li>Presented results to the World Conference on Computation Intelligence in a published paper and presentation</li></ul>	
Projects	<b>Southwestern University Tutor App</b>	Georgetown, TX Aug. 2018 – May 2021
	<ul style="list-style-type: none"><li>Designed and developed a RESTful API using FastAPI and PostgreSQL</li><li>Utilized Docker and GitHub Actions to implement a CI/CD workflow to deploy to Google Cloud Run</li><li>Led a team of three-members to develop the backend through pair programming and code reviews</li><li>Implemented Scrum and Kanban models for a six person team to speed up development</li></ul>	
Technical Skills	<b>Blinn College</b> Associate of Arts in Liberal Arts	Bryan, TX Aug. 2014 – May 2018
	<b>Gitlytics</b>	June 2020 – May 2021
	<ul style="list-style-type: none"><li>Designed a full-stack web application and developed it using Flask with React</li><li>Utilized GitHub OAuth and Webhooks to get data from users' repositories</li><li>Visualized GitHub data to show collaboration between contributors</li><li>Implemented asynchronous tasks with Celery and Redis</li></ul>	
Technical Skills	<b>Languages:</b> Java, Python, SQL (Postgres), TypeScript, HTML/CSS, $\LaTeX$	
	<b>Frameworks:</b> React, Angular, Node.js, Flask, FastAPI	
	<b>Developer Tools:</b> Git, Docker, Google Cloud Platform, Make, Bazel	