

# Jake Gutierrez

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Work Experience	<b>Clever</b> Software Engineer, Infrastructure	San Francisco, CA Sep. 2022 – Present
	<b>Rivet Health</b> Software Engineer	Sandy, UT June 2021 – Sep. 2022
	<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>• Developed a CLI program in Go to manage our AWS infrastructure</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
	<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>	
Education	<b>Southwestern University</b> Bachelor of Arts in Computer Science	Georgetown, TX May 2021
Projects	<b>Southwestern University Tutor App</b>	Jan. 2021 – June 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>	
	<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> Go, TypeScript, Terraform, PostgreSQL, Python, Java, $\LaTeX$ <b>Frameworks:</b> React, Angular, Node.js, Flask, FastAPI <b>Developer Tools:</b> Git, Docker, AWS, Make, Bazel	