

Jake Gutierrez

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Work Experience	Rivet Health Software Engineer	Sandy, UT June 2021 – Present
	<ul style="list-style-type: none">Contributed to an established SaaS application in Angular, Node.js, and TypeScriptInteracted with third-party APIs to synchronize patient, payers, and appointment informationTroubleshooted and optimized PostgreSQL queriesDeveloped a CLI program in Go to manage our AWS infrastructureUtilized Datadog and Sentry to identify pain-points in our applicationMigrated sections of Rivet’s build system from Make to Bazel to increase build and testing performance	
	Texas A&M Engineering Experiment Station Software Developer	College Station, TX June 2020 – May 2021
	<ul style="list-style-type: none">Designed and implemented a REST API to store data from learning management systemsDeveloped full-stack web application using Python with Flask, React and PostgreSQL that asynchronously analyzes GitHub interactionsDesigned API end points to provide data visualizations of GitHub participation	
	Southwestern University Artificial Intelligence Research Assistant	Georgetown, TX May 2019 – July 2020
	<ul style="list-style-type: none">Innovated methods in Java and Python to generate video game dungeons based off of <i>The Legend of Zelda</i>Conducted a user study to compare AI generated and human-produced dungeonsPresented results to the World Conference on Computation Intelligence in a published paper and presentation	
Education	Southwestern University Bachelor of Arts in Computer Science, Minor in Business	Georgetown, TX Aug. 2018 – May 2021
	Blinn College Associate of Arts in Liberal Arts	Bryan, TX Aug. 2014 – May 2018
Projects	Southwestern University Tutor App	Jan. 2021 – June 2021
	<ul style="list-style-type: none">Designed and developed a RESTful API using FastAPI and PostgreSQLUtilized Docker and GitHub Actions to implement a CI/CD workflow to deploy to Google Cloud RunLed a team of three-members to develop the backend through pair programming and code reviewsImplemented Scrum and Kanban models for a six person team to speed up development	
	Gitlytics	June 2020 – May 2021
	<ul style="list-style-type: none">Designed a full-stack web application and developed it using Flask with ReactUtilized GitHub OAuth and Webhooks to get data from users’ repositoriesVisualized GitHub data to show collaboration between contributorsImplemented asynchronous tasks with Celery and Redis	
Technical Skills	Languages: Java, Python, SQL (Postgres), Go, TypeScript, HTML/CSS, \LaTeX Frameworks: React, Angular, Node.js, Flask, FastAPI Developer Tools: Git, Docker, Google Cloud Platform, Make, Bazel	