

FABIAN AGUILAR GOMEZ

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WORK EXPERIENCE

First Community Credit Union <i>Data Analyst</i>	May 2021 - Present <i>Houston, TX</i>
<ul style="list-style-type: none">Develop full-stack applications with JavaScript, C#, .NET Stack, React, Django, Flask, Python, and SQL to replace excel worksheets increasing cooperationg between departments by over 75%.Migrate existent REST APIs to GraphQL, reducing latency across data retrieval, entry, and multiple requests to applications.Automated manual processes and reports by creating stored procedures using SQL and Python scripts saving the company over 20+ hours/week.Oversee interns and aid in month long projects dealing with data visualization, data wrangling, and machine learning model creation using Tableau, Python, Jupyter Notebook, and SQL.Created and set up REST APIs using ASP.NET, Django, and Node.js allowing multiple programs and processes to communicate.Architect and implement data pipelines following ETL using Python normalizing future and new data from diverse sources.	
University of Texas <i>Computer Science Tutor</i>	September 2019 - June 2021 <i>San Antonio, TX</i>
<ul style="list-style-type: none">Aided over 500+ students with issues involving Linux, Windows, software tools, and programming assignments in Python, Java, C, Unix Shells, and LISP.Influenced student success in rigorous courses such as Data Structures by presenting feedback and alternative methods in over 20 programming assignments and 3 projects.Learned semester's-worth software/language for on average 4 courses on a shortened time frame of 2 months in order to mentor students.	
<i>Mathematics Tutor</i>	September 2018 - September 2019
<ul style="list-style-type: none">Communicated & assisted over 100+ engineering, business, and science students in their math courses by maintaining a working knowledge of on average 4 college level math courses.Facilitated ongoing math lectures by assisting the professor with administrative duties.	

SIDE PROJECT

Generating Anime - Python, TensorFlow, OpenCV, NumPy	January 2021 - May 2021
<ul style="list-style-type: none">Engineered a deep model that generates 64x64 RGB anime faces from a 100x1 grayscale noise vector.	

SKILLS

Languages: Python, JavaScript, PHP, Golang, SQL, HTML, CSS, Java, C, C++, C#, LISP
Database: MySQL, MongoDB, DynamoDB, PostgreSQL, Microsoft SQL Server
Techonologies: Git, GraphQL, AWS, Azure, API Development, ASP.NET, Web Services, Open/Closed Stack, Full-Stack Development, ES6, CI/CD, React, NodeJS, Django, Flask

EDUCATION

University of Texas at Austin <i>Master of Science in Computer Science - 4.0 GPA</i>	August 2021 - May 2023
University of Texas at San Antonio <i>Bachelor of Science in Computer Science - 3.90 GPA</i> Data Science Concentration	August 2017 - May 2021