

Cesar Tolentino

Avid engineer and mathematician with a passion for building and interacting with SMEs to creatively solve business problems.

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EXPERIENCE

Peak Values Consulting, Austin, TX (remote) — Back-End Developer

February 2022 - October 2022

Custom dashboard development with data visualization for a leak detection system. Cloud infrastructure maintenance, included machine images, VMs, containers. Code quality revisions.

Techolution, Austin, TX (remote) — Data Engineer

January 2022 - September 2022

Created cloud architecture designs for several projects. Lead a project to build an enterprise level scraper that fed into the client's business intelligence ops. Conducted technical interviews and mentored new hires.

Irys, San Antonio, TX (remote) — Data Engineer

May 2021 - October 2021

Deliverables included migrating the backend of an application from FaaS infrastructure to SaaS infrastructure with a managed database.

DFS, Austin, TX (remote) — Software Engineer | Data Visualization

June 2020 - September 2020

The client hired me to build a personalized analysis tool for fantasy football stats. The Flask based web-app scrapes data, uploads to database and has an interactive and dynamic front-end built with D3 javascript.

Trilogy, Austin, TX (remote) — Teacher's Assistant | Tutor

June 2020 - March 2021

Help the professor with administrative tasks, and troubleshooting during lectures. As a tutor I planned 1-on-1 lessons and applied the linear-learning principle.

UTA Petrology Dept./SUREE , Austin, TX — Undergraduate Student Researcher

May 2017 - August 2017

In this internship, I was assigned to experimentally explore the relationship between a rock's characteristics to the rock's electrical conductivity. I organized the

SKILLS

Analytical Reasoning

Python

Google Cloud Platform (GCP)

Web Scraping

ETL

SQL/NoSQL DB Management

NodeJS

Docker

APIs

Web Development

Unix systems

D3.js

Machine Learning

Git

Consulting

Agile

Jira

LANGUAGES

English (fluent)

Spanish (native)

data and graphed it to analyze the data for statistical relationships. It concluded with a poster presentation of our findings.

EDUCATION

UT at Austin, Austin, TX — *Technical Certificate*

November 2019 - June 2020

6-month, fast-paced Data Analysis & Visualization Bootcamp. Going over popular Data Analysis, Data Viz, and Machine Learning Tools.

Austin Community College, Austin, TX — *Mathematics*

August 2015 - December 2018

ACC Math Club | VP/ President | 2017-2018

Society of Physics Student | President/Project Manager | 2016-2018

PROJECTS

Taste of Austin Pedicab Tours

Position: *Software Engineer/Developer – Current*

Personal website for a startup venture in Austin, Texas. The website has been deployed, and I am now working on optimizing SEO and implementing marketing tools. Hosted at
- <https://tasteofaustintours.com>

Examining Competitive Population Dynamics

Organization: *SCUDEM*

A week long differential equation contest where I created a model to simulate what would happen to tribal populations with a *patrilineal* and *competitive* structure.