

DAINYL CUA

Software Engineer | Full Stack Developer | Consulting & Tutoring

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I am a diligent and coachable full stack developer with previous experience in environmental consulting and tutoring. Coding logic has always made sense to me due to its problem-solving nature and real-time feedback. I seek to join a welcoming company willing to invest in its workers and help them excel in their tech field journey.

SKILLS

Coding Languages

HTML5, CSS, JavaScript
Python
MATLAB
LabView
VBA

Frameworks / Libraries

React.js
Express
jQuery
Django

Technologies

Git, GitHub
Node.js
MongoDB
PostgreSQL
Heroku, Netlify

PROJECTS

DungeonSheet (JavaScript, jQuery): A pseudo single-page application character creator that heavily utilizes jQuery.

5eTale (MongoDB, Express.js, JavaScript, Netlify): A full-stack application with user authentication and authorization. 5eTale provides users a database to view, store, and share custom items created for Dungeons and Dragons.

Dev-to-Dev (Python, Django, PostgreSQL, Heroku): A full-stack forum application developed in Django with a group. Dev-to-dev helps coding bootcamp students and junior developers connect to discuss many topics in the tech field.

EXPERIENCE

Software Engineering Fellow

General Assembly (Software Engineering)

- **Group Collaboration:** Collaborated with multiple developers daily, assisted in code debugging and problem-solving. Managed group GitHub operations for the final major project.
- **Problem Solving:** Solved coding problems daily and created multiple projects which fulfill explicit design requirements.

Remote (Online)

09/2021-12/2021

Staff Engineer

ALL4 LLC (Consulting)

- **Group Collaboration:** Worked with multiple teams both locally and internationally on projects with total capital investments upwards of \$1,000,000.

Houston, Texas

05/2020-12/2020

Teaching Fellow, Student Technician

Texas A&M University (Tutoring)

- **Group Collaboration:** Worked with instructional teams to plan and rehearse effective instructional materials
- **Tutoring:** Taught STEM-related coursework to students of varying skill-levels while employing many teaching strategies such as the Socratic method to strongly reinforce key topics.

College Station, Texas

01/2019 - 05/2019,

01/2020 - 05/2020

EDUCATION

General Assembly, Remote (Online)

Certificate of Completion (completed 12/21)

Texas A&M University, College Station, Texas

Bachelor of Science in Chemical Engineering (completed 05/20)