

Declan Staunton

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WORK EXPERIENCE

Instructor <i>Coder Kids</i>	Houston, Texas <i>May 2024 - Current</i>
<ul style="list-style-type: none">Developed lesson plans to teach coding fundamentals and principles to students.Researched and implemented software tools and applications for coding instruction.Instructed students on the use of programming languages such as HTML/CSS, Java, Python, and JavaScript.Participated in lessons that taught upwards of 50+ students.	
Project Manager <i>Aggie Coding Club</i>	<i>August 2024 - Current</i> <i>College Station, Texas</i>
<ul style="list-style-type: none">Leading teams of 40+ people in developing full-stack web application using Flask, Python, HTML/CSS, and SQLAlchemyOrganizing team meetings to teach students about the fundamentals of web development and data managementCollaborating with external organizations on planning long term projects in development.	
Officer <i>Circle K International</i>	<i>August 2024 - Current</i> <i>College Station, Texas</i>
<ul style="list-style-type: none">Organizing and maintaining data of 20+ students during volunteering projects.Drafting reports retaining information discussed during officer meetings to review by other officers.Maintained records of all documents related to each project including specifications, change orders, invoices.	

Projects

CKI WebDev Python, Flask, HTML/CSS, SQLAlchemy, JavaScript
<ul style="list-style-type: none">Created a full stack web application to help the A&M branch of Circle K International to allow for easy access to common club functions.Utilized a python backend with a javascript frontend connected by a flask frameworkStored officer information in SQLAlchemy where user authentication in the application allowed them to easily communicate to other members.
Rank Sinatra Python, MongoDB
<ul style="list-style-type: none">Attempted to gamify studying and the concept of spatial repetition through the use of Discord and was submitted to HACKSMU VI.Utilized MongoDB to store questions and users and python to interact with Discords UI.
Serenity AI Python, React, Ollama, JavaScript, Flask, Databricks
<ul style="list-style-type: none">Merged both AI and accessibility to make an online and open source therapist AI model through the use of databricks and Ollama, Winning first overall at HackUTA VIConnected to a React frontend with a Flask backend which allowed the model to be called through user input on the frontend

EDUCATION

Texas A&M University <i>Bachelors of Engineering in Computer Science</i>	College Station, Texas <i>May 2028</i>
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SKILLS & INTERESTS

Skills: Python, HTML/CSS, JavaScript, Java

Developer Tools: Git/Github, VScode, IntelliJ

Technologies: Flask, Bootstrap, SQLAlchemy, SQLite, Firebase