Daniel Hyatt

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EDUCATION

University of Maryland, College Park   Fall 2022 - Spring 2025
Computer Science w/ Neuroscience minor

University of Maryland, Baltimore County   Fall 2021 - Spring 2022
Bioinformatics

EXPERIENCE

CommuniCAD, Inc *Co-founder & Lead Developer*   November 2022 - August 2023
- CommuniCAD is a web application to aid in communication between 3D CAD model designers and manufacturers, I created with two UC Berkeley students
- Directly worked with Tesla, GM and Boeing manufacturers to iterate on product design/needs
- Used Firebase Firestore, Storage, Functions & Three.js to store and process data about 3D models, send emails and display information on the frontend
- Was accepted to Berkeley SkyDeck Pad-13 program, attended during May & June 2023

UMBC Department of Computer Science and Electrical   December 2021 - August 2022
Engineering *Web Editor & System Administrator*
- Migrated and redesigned 300+ WordPress pages from an old to new system
- Used web scraping to automate parts of the job
- Promoted to System Administrator when web project was complete
- Used Foreman, Puppet, Active Directory and other software to manage lab computers
- Managed inventory and physically set up lab computers

TIC Summer Camp - *Staff* (Bethesda, MD)   June 2019 - July 2019
- Taught Java and web development, engaged and supervised children
- Learned to communicate effectively with other staff and parents

PROJECTS

Scriber.cc   August 2020
- Blogging website created with Go, the Gin framework, PostgreSQL and Go HTML templates
- Made to provide a free, privacy-respecting alternative to Medium.com
- Hobby project hosted using AWS

MCPS Sidekick   April 2019
- A grades application client for students of my county
- Provided an alternative UX that aimed to be better than the first-party client
- Created a Dart package while developing this app to assist in accessing the StudentVue API

SKILLS

Languages (Frameworks) Dart (Flutter), Java (Swing & FX), HTML/CSS (Bootstrap & Bulma), JavaScript (React, Express.js & Three.js), PHP, Python (Flask), Go (Gin), C, SQL

Technologies Git, MySQL, PostgreSQL, Native Android Development, Google Workspace/GSuite (and Microsoft Office/LibreOffice equivalents), Firebase, CPanel, Linux, Wordpress

CERTIFICATIONS

TensorFlow Developer Certificate   December 2020

- Self-studied and learned the basics of normalizing data and building simple image classification, NLP, and prediction machine learning models using CNN, RNN and LSTM neural networks

AWARDS

hackUMBC 2022 "Best Use of Google Cloud"   October 2022

- Created an app to automate searching for AMBER Alert cars
- Makes use of the camera on the back of the phone to search for target license plates
- Used Flutter as a frontend, with Google ML Kit Text Recognition to read license plates
- Firebase RTDB as backend to send license plate numbers and sightings