

Daniel Hyatt

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EDUCATION

University of Maryland, College Park
Information Science - Data Science Track

Fall 2022 - Spring 2025

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
- Directly worked with Tesla, GM and Boeing manufacturers to iterate on product design/needs
- Used Firebase Firestore, Storage, Functions, AWS LightSail, React & 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
- Made a first-party CAD file conversion process, eliminating the need for \$50k/yr software
- Managed a team of five graduate student interns with Jira to implement new features and reviewed pull requests

UMBC Department of Computer Science and Electrical Engineering *Web Editor & System Administrator*

December 2021 - August 2022

- Migrated and redesigned 300+ WordPress pages from an old to new system & promoted to System Administrator
- Used Python and web scraping to automate transfer of 100+ pages
- Used Foreman, Puppet, Active Directory and other software to manage lab & research computers
- Managed inventory and physically set up lab 300+ lab computers for 2,500+ students

PROJECTS

Bespeak

January 2024 - Current

- Blogging/journalism platform similar to Medium.com & Substack
- Used modern web technologies: Next.js/React, Vercel, Supabase (PostgreSQL), TipTap and Tailwind

MCPS Sidekick

April 2019

- A grades application client for students of my county which was downloaded 2,000+ times
- Provided an alternative UX that aimed to be better than the first-party client, written in Flutter
- 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 (Next.js/React, Express.js & Three.js), PHP, Python (Flask, Beautiful Soup), Go (Gin), C, SQL

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

OTHER

Won "Best Use of Google Cloud" at hackUMBC 2022

October 2022

- Created an app that would use a phone car mount and computer vision to scan for AMBER Alert license plates
- Used Firebase to create a dashboard for authorities to enter in AMBER Alert license plates

Google TensorFlow Developer Certificate

December 2020

- Self-studied and passed the TensorFlow Developer Certificate exam
- Learned NumPy and Pandas to use and manipulate data in accordance with TensorFlow