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

UMBC Department of Computer Science and Electrical   May 2022 - August 2022
Engineering *System Administrator*
- 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

UMBC Department of Computer Science and Electrical   December 2021 - May 2022
Engineering *Web Editor*
- Migrating UMBC's CSEE website to the a new WordPress system
- Learned WordPress and migrated 300 pages of content and media
- Using Python to automate parts of the job (mostly web scraping)

Google Computer Science Summer Institute *Student*   July 2021 - August 2021
- Participated in the Google CSSI Practicum, which teaches college admits about web development
- Learned the basics of HTML, CSS, JavaScript
- Learned the basics of Firebase Storage and Authentication
- Created a PWA called Tap Contacts as a final project, which allows users to have their contacts as a cloud service and allows specific people to access specific contact information (ex. your boss can only access your work number, friends can access home phone, address, birthday)

Kids For Code - *Teacher*   June 2020 - May 2021
- Taught HTML/CSS, Java and Python to elementary and middle school students in a virtual classroom environment
- Created the HTML/CSS curriculum which helped Kids For Code teachers (including myself) teach over four hundred students across three eight-week sessions.

TIC Summer Camp - *Staff Assistant* (Bethesda, MD)   June 2019 - July 2019
- Taught Java and web development, engaged and supervised children about learning and getting active, and learned to communicate effectively with other staff and parents while working as a staff assistant.

PROJECTS

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
- Had a feature that allowed students to check how changing or adding grades to their own gradebook would affect their overall grade (ex. a student could test how well they would need to do on a test to keep or get to an A overall grade in a class

Kids For Code Website
August 2020

- Created and maintained an informational website used to advertise and provide information about Kids For Code
- Created with Bootstrap 4, Netlify and GitHub

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
- Hosted using AWS

SKILLS

Languages Dart, Java, HTML/CSS, JavaScript, PHP, Python, Go, SQL

Frameworks Bootstrap 3, Bootstrap 4, Bulma, Flutter, Flask, Gin, Java Swing, Java FX,

Technologies MySQL, PostgreSQL, Native Android Development, Google Docs/Sheets/Slides (and their Microsoft/LibreOffice equivalents), Firebase, CPanel, Linux, Wordpress

EXTRACURRICULAR ACTIVITIES

Canvassing With Ruben Amaya, *Volunteer*
October 2021 - Present1

- Worked directly with Ruben Amaya and helped his campaign
- Weekly or biweekly canvassed neighborhoods with Ruben and communicated with voters
- Proud to be part of a low-funded, grassroots campaign with a candidate who, if elected, would be the youngest-ever and first latino to hold office for District Ten of the Maryland State House of Delegates

Walden Circle, *Volunteer*
October 2021 - Present1

- Volunteered weekly, with some weekends, to provide after-school care
- Helped kids with homework, played sports to help the kids get active and fostered a positive and fun environment

UMBC Club Soccer, *Player*
October 2021 - Present1

- Stayed active with weekly practices
- Played against club teams from other schools on weekends

AI Club, *President*
August 2020 - May 2021

- Held weekly meetings about AI

- Alternated meetings between TensorFlow programming tutorials using Google Colab and open discussions about the ethics and applications of AI

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 "Best Community Hack"   October 2021
- Created an unofficial UMBC app to help UMBC students because the official app had limited features and was very buggy
- Created RSS feed page for school newspaper for convenience in the app
- Created a table that listed the restaurant's hours in which listed the opening times for the current day and had search feature
- Mentored a friend in creating a map feature that would show users where a specific room is on campus and what part of the building it is in
- Planning on releasing it soon with more features
- Won out of 200+ participants with a two person team (four allowed per team max.)