Kenneth Myers

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EDUCATION

James Martin High School   June 2022
GPA (Weighted): 4.71
Class Rank: 21 of 831

University of Texas at Dallas
B.S., Computer Science   Winter 2024 *(Expected)*

WORK EXPERIENCE

Bell Flight (Fort Worth, TX)
IT Custom Developer High School Intern (Part-Time)   September 2021 – May 2022
- Migrated existing webapp data from MySQL 2008 to Microsoft SQL Server.
- Refactored over 20k lines of PHP code to interface with new database.
- Wrote custom Python scripts to expedite refactorization.
- Containerized application with Docker.

Bell Flight (Fort Worth, TX)
IT College Intern (Full-Time)   May 2022 – August 2022
- Rewrote legacy webapp frontend with Angular.
- Designed and implemented backend API in C# with .NET and EFCore.
- Restructured existing app database; reduced table count from 150 to 15.
- Gathered requirements from users and created reference documentation.

PROJECTS

contrapunct.io   October 2021
Web app that programmatically composes countermelodies with species counterpoint.
- Built on a RESTful API made with Python/Flask.
- Viewable at https://contrapunct.io.

MelodyFarm   December 2020
Web app that uses an evolutionary algorithm to generate music.
- Built on a RESTful API made with Python/Flask and deployed on Heroku.
- Bracket data stored in a PostgreSQL database.
- Viewable at https://kenmyers.io/melodyfarm.

Starmap   September 2020
SOM-based tool that creates distanced-optimized 2D projections of 3D star-space.
- Written in Python.
- Viewable at https://kenmyers.io/posts/starmaps.

language.repair   July 2020
Website for now-defunct family business.
- Built with Bootstrap.
- Viewable at https://language.repair.

Psonic   March 2020
Secure password generator/manager notable for its proprietary mnemonic generation algorithm.
- Won first place at HackMHS 2020 hackathon.
- Written in JavaScript with Electron.
- Viewable at https://psonic.net.

SKILLS

Programming Languages: Python, Java, JavaScript, PHP, TypeScript, C#
Frontend Development: HTML, CSS, Bootstrap
Other Technologies: Angular, Azure DevOps, Docker, Excel, Flask, Git, Linux, SQL, Vim, VS Code
Spoken Languages: English (Native), Spanish (A2), Esperanto (A1)

References available upon request.