

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 counter melodies 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://ken-myers.github.io/melodyfarm>.

Starmap

September 2020

SOM-based tool that creates distanced-optimized 2D projections of 3D star-space.

- Written in Python.
- Viewable at <https://ken-myers.github.io/starmap>.

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.