

Christopher Tengey

240-217-9272 | cdt50@georgetown.edu | [linkedin.com/in/ChrisTengey](https://www.linkedin.com/in/ChrisTengey) | [chrisdten3.github.io](https://github.com/chrisdten3)

EDUCATION

Georgetown University

Washington, DC

BS. in Computer Science, Minors in Mathematics and Economics

Aug. 2022 – May 2026

- Relevant Coursework: Data Structures, Algorithms, Artificial Intelligence, Advanced Programming

PROJECTS

Spotify Music Player | *React, TailwindCSS, NodeJS, Axios, Spotify Web API*

December 2023

- Built a web application that connects to a user's Spotify account via the Spotify API
- Application is an in-browser music player, also providing information on recommend artists, tracks, and the users most listened to history
- Created the frontend with React and TailwindCSS and used Axios for client side requests to the Spotify API

Map Collective | *React, SQL, JavaScript, ArcGIS, AWS*

August 2023 - November 2023

- Project manager of an 8 person intern team constructing a website to hold environmental tool-kits displaying geographical and sustainability data for the Washington DC company Map Collective
- Overseeing the implementation of a user authentication system developed in AWS Cognito, and the development of environmental data extraction scripts from a SQL back end to the company's site front end
- Leading a data sourcing sub team, writing R and Python scripts mapping product supply chain data to a relational database

Movie Recommender System: | *Python, Gensim, Word2Vec*

March 2023 - May 2023

- Created a movie recommender system by training a Word2Vec ML model using the movie descriptions from a CSV containing over 60,000 movies
- Used the Numpy library to vectorize each movie description so that similar movies were returned to the front-end

FoodMe | *Flutter, Dart, Firebase, Google Maps API*

February 2023 - July 2023

- A food redistribution app that connects food suppliers to patrons in the Georgetown community aiming to combat food insecurity in the area
- App was submitted as a part of the 2023 Google Solutions Challenge, and was selected as a Global Finalist, finishing in the 5 percent out of 2,500 submissions
- Used Google Firebase to handle sign up and login authentication, and to relay information from the front-end to a Google Firestore backend
- Handled the implementation of a map view to populate food posting events, utilising the Google Map API

EXPERIENCE

Technical Project Manager / Co-Founder

July 2023 – Present

Hoya Developers

- Co-founded the first pre-professional software development club on Georgetown's campus
- Member of leadership board overseeing more than 60 club members

Web Production Developer

March 2023 – Present

Georgetown University Information Services

- Conducting debug tests on test environments before their deployment onto live Georgetown websites
- Improved visual accessibility by creating visual guides and suggesting functionality recommendations

Vice President of Analytics

Sep. 2022 – Present

Hoyalitics

- Head of a 3 person project team creating a gentrification metric analyzing the pattern of the housing demographic in Washington DC over the past 25 years

TECHNICAL SKILLS

Languages: C++, Python, Java, JavaScript, Dart, Swift, HTML/CSS, SQL

Developer Tools: Git, React, NextJS, Node.JS, Google Firebase, AWS, VS Code, XCode, Tableau, Flutter

Libraries: Pandas, NumPy, Matplotlib, Tensorflow, Gensim, Streamlit