

# Christopher Tengey

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## EDUCATION

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### Georgetown University

Washington, DC

**BS. in Computer Science, BA. in Mathematics**

Aug. 2022 – May 2026

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

## PROJECTS

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### Charts | *React, Python, Express, Flask*

January 2024 - Present

- Built a financial web app that allows users to find the efficient distributions of securities for an optimal portfolio based upon the Efficient Frontier Model
- Python backend script creates 25000 random security distributions using Monte Carlo simulations

### Fitted | *React, NextJS, Typescript, Firebase, Python*

January 2024 - Present

- Project manager of a 5 person team working with the fashion social media company Fitted, working to build out their web application
- Overseeing the implementation of an image in painting strategy to optimize a model that detects clothes from an individual's post
- Implemented an inverted index search structure to query posts by key words

### 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

### 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

## EXPERIENCE

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### JP Morgan Chase

June 2024 - July 2024

*Incoming Data Science AI/ML Intern*

### Hoyalitics

April 2024 - Present

*Chief Analytics Officer*

- Executive board member and head of analytical operations of 300 person data science club

### AI Priori

January 2024 – Present

*Software Development and Testing Intern*

- Responsible for writing PyTest scripts for integration in CI/CD pipeline
- Conducted visual regression testing and updated the frontend with React

### Hoya Developers

July 2023 – Present

*Technical Project Manager / Co-Founder*

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

### Georgetown University Information Services

March 2023 – Present

*Web Production Developer*

- Updating themes and plugins to the new Georgetown University site code base in PHP
- Conducting debug tests on test environments before their deployment onto live Georgetown websites

## TECHNICAL SKILLS

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**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, Selenium, BeautifulSoup