

Carter Bassler

Westport, CT | (203) 914-5700 | carterbassler@gmail.com | carterbassler.com

EDUCATION

University of Virginia

Major: Computer Science (BACS)

Charlottesville, VA

Aug 2021 – May 2024

- **Major GPA: 3.7**
- **Relevant Coursework:** Program and Data Representation, Data Structures & Algorithms II, Computer Architecture, Advanced Software Development, and Software Developmental Methods

Washington University in St. Louis

Major: Computer Science

St. Louis, Missouri

Aug 2020 – May 2021

PROFESSIONAL EXPERIENCE

Bank of New York Mellon

Software Engineering Intern (START Technology Program)

New York, NY

June 2023 – Aug 2023

Fermat Capital LLC

Software Engineering Intern

Westport, CT

June 2022 – Aug 2022

- Produced .NET Core web application to automate the filtration of CAT Bond data in order to more efficiently use company time and resources
- Constructed an ML model intended to classify correct bond data using Multi-Class Text Classification that runs with 92% accuracy
- Developed intuitive and adaptive code using LINQ and REGEX to handle string manipulation more efficiently

Software Engineering Intern

June 2021 – Aug 2021

- Developed JavaScript Web Application to visually represent insurance loss in categorized fashion
- Utilized Google Maps API to upload and visualize datasets in order to help facilitate decisions
- Handled asynchronous calls and worked with Threads and Promises

PROJECTS

Imperium – Workout Tracking App

- Developed full-stack mobile application utilizing Flutter and Dart incorporating state management
- Implemented features such as workout tracking, exercise addition, and set management to provide an interactive and user-friendly experience.
- Integrated Firebase Firestore for real-time data handling, enabling users to persist and retrieve their workout data. Implemented Firebase Authentication to provide secure user access control

Spotify Save Discover Weekly

- Developed web application using Next JS and the Spotify API
- Integrated NextAuth JS to view, create, and edit user's playlists
- Users can log in to create a duplicate of their current auto generated "Discover Weekly" playlist so it would be saved for future weeks

LEADERSHIP & EXTRA-CURRICULAR EXPERIENCE

Alpha Kappa Psi Professional Business Fraternity

Member

Charlottesville, VA

Sept 2021 – present

- Participated in an 8 weeklong evaluation process and training program in finance, consulting, marketing, and networking constructed to build professional skills

Brighter Lives for Kids Foundation

Soccer Mentoring Program Co-Founder

Bridgeport, CT

Mar 2016 – June 2019

- Co-founded and implemented an afterschool soccer program for underprivileged elementary school aged children in partnership with my freshman soccer coach
- Responsible for teaching soccer skills, worked with children from different socioeconomic backgrounds, resolved conflict, and team building

SKILLS & EXPERIENCE

Languages: Java, Python, JavaScript, C++, C#, HTML, CSS, Dart

Frameworks/Libraries: React, React Native, .NET Core, Flutter