

Carter Bassler

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EDUCATION

University of Virginia

Major: Computer Science (BACS)

Charlottesville, VA

Aug 2021 – May 2024

- **Cumulative GPA: 3.8**
- **Relevant Coursework:** Program and Data Representation, Data Structures & Algorithms II, Advanced Software Development, Intro to Cybersecurity, and Software Developmental Methods

Washington University in St. Louis

Major: Computer Science

St. Louis, Missouri

Aug 2020 – May 2021

PROFESSIONAL EXPERIENCE

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

Fermat Capital LLC

Software Engineering Intern

Westport, CT

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

Top Hat Tutors

STEM Tutor

Westport, CT

Sept 2019 – Nov 2020

- Tutored middle school to high school students in subjects including, Calculus, CS, and Physics

PROJECTS

Lou's List Clone

- Developed full-stack web application utilizing Django to display upcoming classes at the University of Virginia utilizing SIS/Class Listing API to provide accurate, up-to-date data from SIS (UVA's Course Selection System)
- Successfully integrated Google user accounts as the primary login method and implemented the Google account API to ensure secure authentication
- Utilized PostgreSQL to efficiently store and access class data

Spotify Save Discover Weekly

- Developed full-stack web application using React JS and the Spotify API
- Integrated Spotify login authorization 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#, x86 Assembly, HTML, CSS

Frameworks/Libraries: React, React Native, .NET Core, REGEX, LINQ