

Tim Stumper

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EDUCATION

University of Delaware

Aug. 2019 – May 2023

Bachelor of Science in Computer Science, Minor in Business Administration

Newark, DE

GPA: 3.5 / 4.0 (Dean's List)

Relevant Coursework: Human Computer Interaction, Advanced Web Technologies, Secure Software Design, Database Systems, Data Mining, Machine Learning, Operating Systems, Parallel Computing

TECHNICAL SKILLS

Languages: JavaScript, HTML, CSS/SCSS, TypeScript, Python, Java, C/C++, SQL

Frameworks: Angular, React, Node.js, Express.js

Developer Tools: Git, VS Code, Figma, Postman, Jira/Asana

EXPERIENCE

Undergraduate Teaching Assistant

Feb. 2023 - Current

University of Delaware

Newark, DE

- Helping enforce college level computer science curriculum through in-class exercises that teach data types, functions, conditional statements, and other fundamentals
- Creating strong relationships with students by hosting weekly office hours and lab times to assist with a broad range of computer science topics or concerns regarding the course

Front-End Web Developer Internship

Summer 2022

Envestnet

Remote

- Assisted the development of two crucial web application projects working with **Angular** alongside **TypeScript** while ensuring to follow **ADA compliance** and **responsive** web design principles
- Handled various user input forms, which helped populate various data visualizations in **Angular** by processing user data with **MongoDB** and **PostgreSQL** alongside **C#**
- Led design for UI mock ups using **Figma** and implemented final screens by the means of **CSS** and **Bootstrap** to ensure optimal user experience

IT Summer Internship

Summer 2021

Simsbury Public Schools

Simsbury, CT

- Managed computer and laptop inventory, optimized room layouts, and organized cables in every classroom across all eight public schools in the Simsbury, Connecticut district
- Repaired broken hardware on hundreds of students' laptops to ensure a seamless transition into their new semester

Teaching Assistant

Aug. 2018 - May 2019

Simsbury High School

Simsbury, CT

- Instilled fundamental computer science principles, code analysis strategies, and solution design approaches into an AP class of 24 junior high school students over the course of the school year
- Provided hands-on mentoring in the classroom alongside primary teacher to help ensure quality learning and insightful guidance for all students

PROJECTS

Playlist Transfer Service | *React, Node.js, OAuth, REST API*

Dec. 2022 - Feb. 2023

- Initiated a full-stack web application using **Node.js**, **REST APIs** and **React** to eliminate tedious cross-platform music playlist management
- Implemented Spotify and Apple Music **OAuth** to get data from user's accounts in order to modify user data within the scope of the authorization in addition to **MaterialUI** and **SCSS** for design realization

Special Needs Analysis Calculator | *Angular, TypeScript, HighCharts, Bootstrap*

Jul. 2022 - Aug. 2022

- Leveraged page routing to create a multi-page form and layout for an efficient and modernized user experience
- Developed interactive chart visualizations based off user data using the **HighCharts** library
- Acknowledged users on the special needs benefit programs they or a beneficiary are eligible for

SkateStop | *HTML, CSS, JavaScript, Express.js*

Sep. 2021 - Nov. 2021

- Lead full-stack development team in creating an interactive web application using **Google Maps API** accompanied with **Firestore Realtime Database** which helped process uploaded files and marker information
- Implemented custom, interactive map markers that display correlating user submitted data regarding desirable skate parks and skate spots near the user