

## Hamzeh Hammad

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### Education

#### UNIVERSITY OF VIRGINIA

Charlottesville, VA

BS in Computer Science, Minor in Philosophy, GPA: 3.63/4.0

May 2026

Relevant Coursework: Data Structures & Algorithms, Advanced Software Development, Probability, Computer Systems & Organizations, Calculus 1-3

Commit 10 hours per week to the UVa Salsa and Ballroom Dance Clubs

#### HERNDON HIGHSCHOOL

Herndon, VA

Advanced High School Diploma, GPA: 4.45/4.0

June 2022

Salutatorian, President of Computer Science & Debate Club

### Technical Skills & Projects

**Skills:** Python, Java, JavaScript, SQL, React, Flutter, Flask, Bootstrap

#### FoodHall Allergy App

Developed a mobile application using React Native to assess daily safety levels of UVa food halls for individuals with food allergies, in collaboration with a friend who has multiple allergies. The app scrapes data from University Food Hall websites and filters it based on the user's dietary preferences to provide tailored safety information. Actively used by over 10 people.

#### Spelling Bee Answer API

Made a RESTful API utilizing Flask to return words that meet Spelling Bee criteria by integrating CSV files of the entire English Dictionary. Implemented functionality to filter words of at least four letters containing one required and six optional unique letters, ensuring results are ordered alphabetically and contain no duplicates. Performed comprehensive unit testing employing Pytest to validate input and ensure API reliability.

### Relevant Experience

#### SKAPA TECH CONSULTING

Charlottesville, VA

##### Software Engineering Intern

June 2024 - Present

Started projects focusing on developing chatbots for 3 clients. These chatbots will handle basic customer service inquiries on websites, which receive hundreds of clicks/views a week. The bots refer to 20+ company documents to provide accurate information and document access.

#### UNIVERSITY OF VIRGINIA SCHOOL OF ENGINEERING

Charlottesville, VA

##### Teacher's Assistant, Intro to Programming + Data Structures & Algorithms

January 2023 - Present

Guided classes of 80 or more students in learning Python Fundamentals and Object Oriented Programming with Java, covering object-oriented programming, data structures, and algorithms, and held office hours totaling over 60 hours a year for more support.

#### FINTA

Remote

##### Web Design Intern

June 2023 - August 2023

Designed multiple main website pages (product page, cart, etc) with Webflow, enhancing UI/UX for pages visited by over 50 clients during the summer. Collaborated with the design team to implement best practices, optimizing site responsiveness and user engagement. Gained practical startup experience focusing on speed and quality.