

# Kevin Luk

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## EDUCATION

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### University of Virginia | Charlottesville, Virginia | Graduation May 2022

*School of Engineering and Applied Science*

- *Major:* B.S. Computer Science
- *Overall GPA:* 3.657
- *Relevant Courses:* Data Structures and Algorithms, Computer Organization and Architecture, Software Development Essentials, Mobile Application Development, Operating Systems, Programming Languages for Web Applications, Database Systems.

## SKILLS

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- *Technologies:* Java, Python, JavaScript, HTML, CSS, React.js, Git, MySQL, MongoDB.

## EXPERIENCE

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### Computer Science Department, University of Virginia

*Teaching Assistant (CS 4640)*

*August 2021 - Present*

*Charlottesville, Virginia*

- Helping teach the fundamentals of web programming with HTML, CSS, JavaScript, PHP, and Angular.
- Working with students during office hours to explain web programming concepts and grade assignments.

### ZippyZen, LLC

*Software Engineer Intern*

*June 2021 – August 2021*

*Charlottesville, Virginia*

- Developed and designed an Android app to ensure seamless client-to-volunteer experience for Meals-on-Wheels meal distribution program.
- Handled database design, integration, and testing to improve performance.

### Computer Science Department, University of Virginia

*Teaching Assistant (CS 1112)*

*August 2020 - Present*

*Charlottesville, Virginia*

- Helping conduct lectures through answering student's questions about the fundamentals of programming.
- Working with students during office hours by explaining core computer programming practices and concepts and ways to implement them into their work.

## PROJECTS

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### Natural Event Tracker

- Web application that fetches natural event data from NASA's EONET API and displays the event locations on an interactive map.
- *Technologies used:* React.js, Google Maps JavaScript API, Fetch API.

### Health Diary

- Web application that allows users to create an account in order to manage their personal health through documenting their diet, activity levels, and written journals.
- *Technologies used:* HTML, CSS, JavaScript, Node.js, Express.js, MongoDB.

### COVID-19 Twitter Bot

- Automated Twitter account that tweets and creates graphs about current COVID-19 data for user specified cities, states, and countries.
- *Technologies used:* Python, Pandas, NumPy, Matplotlib, Beautiful Soup.