

Kevin Luk

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EDUCATION

University of Virginia, 2018-2022

School of Engineering and Applied Science

- Bachelor of Science in Computer Science

SKILLS

- *Languages/Frameworks:* Java, C#, Python, TypeScript, HTML, CSS, React.js.
- *Testing:* Cypress, Jest, xUnit.
- *Databases:* MySQL, MongoDB, DynamoDB.
- *Tools:* Git, MS Visual Studio, Visual Studio Code, Fiddler.

EXPERIENCE

Associate Software Engineer, CoStar Group

August 2022 - Present

- Built and deployed REST APIs with .NET Core and Terraform, and worked closely with consuming teams to fix, propose, and implement features.
- Designed and maintained Amazon DynamoDB tables to maximize the performance of REST APIs.
- Developed UI features using TypeScript and React.js for the CoStar product.
- Wrote end-to-end tests with Cypress and component tests with Jest for the CoStar product.

Software Engineer Intern, Anika Systems

December 2021 – May 2022

- Created automation scripts and workflow diagrams.
- Completed certification for UiPath Advanced RPA Developer.

Teaching Assistant (CS 4640), University of Virginia

August 2021 – May 2022

- Instructed a class of 50 students about web programming concepts and design.
- Held office hours to help students with homework assignments and project planning.

Teaching Assistant (CS 1112), University of Virginia

August 2020 – May 2022

- Instructed a class of 150 students on basic programming concepts.
- Held office hours to help students with homework assignments and further explain concepts taught in class.

Software Engineer Intern, ZippyZen, LLC

June 2021 – August 2021

- Designed and developed an Android app prototype to ensure a seamless client-to-volunteer experience for the Meals-on-Wheels meal distribution program.
- Handled database design, integration, and testing to improve performance during app startup.

PROJECTS

Natural Event Tracker

- Web application that gets 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.

Health Diary

- Web application where users can manage their health by recording their diet, activity levels, and mental health.
- *Technologies used:* HTML, CSS, JavaScript, Node.js, Express.js, MongoDB.