

Kevin Luk

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Education

University of Virginia

B.S. in Computer Science, Graduated with High Distinction

Charlottesville, VA

2018-2022

Skills

Languages/Frameworks: Java, C#, Python, JavaScript, TypeScript, HTML/CSS, React.js, .NET, Node.js.

Testing: Cypress, Jest, xUnit, MSTest.

Databases: MySQL, MongoDB, DynamoDB.

Tools: Git, MS Visual Studio, Visual Studio Code, Fiddler.

Experience

CoStar Group

Washington D.C.

Software Engineer

August 2023 – Present

- Built and deployed REST APIs with .NET Core and Terraform, and collaborated with consuming teams to fix, propose, and implement features.
- Designed and maintained Amazon DynamoDB tables to maximize performance of Universal Favorites.
- Increased code coverage by 35% in one month and implemented code coverage reporting in Azure Pipelines in order to maintain test coverage for the team.

Associate Software Engineer

August 2022 – August 2023

- Developed UI features using TypeScript and React.js for Saved Searches List View in CoStar Suite.
- Wrote and maintained integration tests with Cypress and component tests with Jest for CoStar Suite.
- Created code coverage reports and discussed with QAs to determine testing requirements.

Anika Systems

Remote

Software Engineer Intern

December 2021 – May 2022

- Created automation scripts and workflow diagrams using UiPath and Flowchart for four company clients.
- Held weekly meetings to discuss work progress and requirements with team manager.

University of Virginia

Charlottesville, Virginia

CS 4640 Teaching Assistant

August 2021 – May 2022

- Instructed a class of 50 students about web design and API development.
- Organized office hours to help students with homework assignments and project planning.

CS 1112 Teaching Assistant

August 2020 – May 2022

- Instructed a class of 150 students about basic programming concepts.
- Organized office hours to help students with homework assignments.

ZippyZen, LLC

Remote

Software Engineer Intern

June 2021 – August 2021

- Designed and developed an Android app prototype to create a client-to-volunteer experience for the Meals-on-Wheels meal distribution program.
- Assisted in planning weekly team meetings to communicate progress on the prototype.

Projects

Natural Event Tracker

- Web application created with React.JS, Google Maps JavaScript API, and NASA EONET API that displays natural event locations on an interactive map.

Health Diary

- Web application created with HTML/CSS, JavaScript, Node.js, Express, and MongoDB that allows users to record diary entries about diet, exercise levels, and mental health.