

# Aaron Kim

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## EXPERIENCE

### Software Developer

Jul 2020 - Present

#### Aria Communications

Davis, CA

- Led a team of junior developers through and participated in ALL aspects of the development of davishousing.com and the USHousing admin site, which serve property managers overseeing hundreds of listings throughout the city of Davis. Built using C# .NET MVC, ASP.NET Razor, SQL, HTML, CSS, and JavaScript.
- In particular, built API endpoints which are consumed client-side through AJAX calls; endpoints are used to serve housing data, upload media to the USHousing media server, save user activity and more.
- Took initiative to implement much needed DevOps processes such as coding guidelines, git workflow, testing guidelines and database documentation.
- Worked with clients and internal testers to maintain and address bug fixes for Instaconnect.net: refactored thousands of lines of code resulting in a much cleaner and manageable codebase. Also developed new key features like automatic email notifications and an improved sign-up experience.
- Regularly proposed schema drafts and changes and wrote views and stored procedures for MS SQL Server.

### IT Support Analyst

Jul 2019 – Mar 2020

#### UC Davis, John Muir Institute of the Environment

Davis, CA

- Provided technical support to over 100 faculty members in person and through the ServiceNow ticketing system.
- Devised solutions to problems with software, hardware, and network connectivity according to user needs.
- Developed and refined technical documentation and user manuals for client and team use.

### Web Development Intern

Sept 2019 – Dec 2019

#### California Center for Cooperative Development

Davis, CA

- Designed and built company websites for a diverse range of local businesses using technologies like React, JavaScript, HTML/CSS, and APIs, also integrating CMS platforms like WordPress.
- Performed usability tests with UI sketches and website prototypes, discussing feedback and outlining specifications in order to meet client needs. Worked closely with clients and stakeholders to identify user requirements.

### Computer Science Tutor

Sept 2017 – Sept 2019

#### UC Davis Department of Computer Science

Davis, CA

- Tutored students in lower-division CS classes on concepts such as Object-Oriented Programming, data structures, programming best practices, debugging and basic project management.
- Hosted review sessions for 30+ students in preparation for upcoming exams on a regular basis.

## SKILLS

- **Languages:** C#, Python, SQL, JavaScript, NodeJS, React, HTML5, CSS3, Javascript, Bootstrap 4
- **Technologies:** .NET Core, .NET MVC, MSSQL, SQL, jQuery, Object-Oriented Programming, REST API, JSON, AJAX
- **Development:** Visual Studio 2019, Jira, BitBucket, Git/GitHub, Agile Development, Bash/UNIX, Linux

## PROJECTS

### Chatbox

2019

- Web application that allows users to create instant, real-time polls and forums.
- Users can share URLs then speak with each other real-time. Powered by Microsoft SignalR technology.
- Created using ReactJS, .NET MVC, and SQLExpress, hosted on Microsoft Azure.

## EDUCATION

### University of California, Davis

Davis, CA

#### Bachelor of Science, Computer Science

Sept 2016 – Dec 2019

Cumulative GPA: 3.51