

# Yuanqin Fan

Email: fanyuanqin96@gmail.com | Phone: +1 (949)981-4762



[yuanqinf.com](http://yuanqinf.com)



[github.com/yuanqinf](https://github.com/yuanqinf)



[linkedin.com/in/yuanqinf](https://linkedin.com/in/yuanqinf)

## Education

### [Carnegie Mellon University \(Entertainment Technology Center\)](#)

Master of Science: Entertainment Technology

Pittsburgh, PA

Expected May 2022

### [University of California, Irvine \(School of Information and Computer Sciences\)](#)

Bachelor of Science: Computer Science

Irvine, CA

Aug 2015 - Jun 2019

## Work Experience

### [CarGurus](#), Software Engineer Intern (Front-end) - Boston, MA (Jan 2022 - Present)

NodeJS/ReactJS/Elasticsearch

- Prototyped and implemented new UI functionality to enhance the user experience.
- Conducted AB tests and optimized the search experience(SEO) for millions of users.
- Worked on improving the web page structures for millions of vehicles using React.js.

### [Carnegie Mellon University\(HCII\)](#), Research Programmer - Pittsburgh, PA ( May 2021 - Aug 2021)

WebRTC/ReactJS/Firebase

- Developed a web platform with real-time video communication functionality using ReactJS and WebRTC.
- Implemented front-end features and optimized overall performance by 30% based on React (16.8) Hooks.
- Worked on improving user experience by collaborating with UI Designers and participating in user testing.

### [Datamimo](#), Software Engineer Intern (Machine Learning) - Palo Alto, CA (Aug 2019 - Nov 2019)

Python/NumPy/Pandas

- Utilized Python to fetch more than 10000 real estate data from the online housing market(redfin).
- Performed data visualization and created statistical graphics from dataset using Matplotlib and Seaborn.
- Built the regression models by Python NumPy package to evaluate and predict the local housing price trend.

## Selected Project

### [Wander Math](#) / Gameplay Engineer

Unity3D/ARCore/iOS

- Created three immersive AR game adventures by Unity3D in C# with ARCore API.
- Built the cross-platform application which is compatible with Android and iOS devices.

### [Pop-Task](#) / Full-Stack Engineer

Django/ReactJS/AWS

- Designed and Implemented all UI components and interaction features by React.js and Tailwind CSS.
- Built the API backend via Django rest framework and deployed the project on AWS EC2 environment.

## Technical Skills

Programming: Java, JavaScript/ES6, Python; Frameworks: ReactJS, Next.js, Node.js, Django

Other Technologies: AWS, Git, Unity3D, MATLAB, DBMS(MySQL, Firebase), Figma