

CHASE CARNAROLI

EDUCATION

University of California, Irvine | B.S. Computer Science

Graduating June 2022

WORK EXPERIENCE

Khan Academy | Software Engineer Intern Remote June 2020 - Sept 2020

- Backend developer working with Python, Go, and GraphQL
- Collaborated with Senior Engineers to convert the monolithic backend to a more efficient ecosystem of microservices
- Implemented an index for retrieving content, reducing the number of instances needed by 350%

Khan Academy | Software Engineer Intern Mountain View, CA June 2019 - Sept 2019

- Frontend developer working with Javascript and React
- Improved the Learning Time tracking system to classify an additional 1.4 million minutes of user activity per week
- Redesigned and launched a new Translators About page to recognize the work of the internationalization team
- Developed a live markdown previewer for discussion posts and comments

Koder Inc. | Software Engineer Intern Irvine, CA May 2018 - Aug 2018

- Backend developer working with C#, ASP.NET Core, SQL Servers, and Microsoft Azure
- Created the API endpoints for bounties, users, promotional codes, and referrals on the Koder Platform
- Implemented email, push, and feed notifications for Koder's iOS app

LEADERSHIP AND MENTORSHIP

CodePath at UCI | Director of Operations Irvine, CA Mar 2019 - Present

- Manage a club that offers free classes in Android Development, iOS Development, and Cybersecurity
- Teach a weekly course on the fundamentals of iOS Development to over 30 UC Irvine students per quarter
- Develop class material and provide one-on-one mentorship for students during weekly office hours

UCI Housing | STEM Resident Advisor Irvine, CA Sept 2019 - June 2020

- Supervised a residential hall with 67 freshmen from a variety of STEM majors
- Coordinated and lead weekly professional development workshops, tech tutorials, and social mixers

Dreams For School | AppJam+ Program Mentor Irvine, CA Mar 2018 - June 2019

- Mentored middle school students while teaching them how to develop an Android game application
- Taught students computer science concepts and introduced them to career opportunities in STEM

PROGRAMMING PROJECTS

QR Me - Contact | iOS Development, Swift www.chasec.me/projects/qr-me-contact.html

- iOS app that generates a personalized QR Code to quickly and easily share your contact information with anyone
- 5 Star Rating with over 5,000 downloads from 30 different countries

ICS 33 Grade Viewer | HTML, JavaScript www.ics.uci.edu/~ccarnaro/ics33gradeviewer.html

- Website developed for my computer science professor to display student grades online
- Used over 10,000 times by UC Irvine students

Augma AR | iOS Development, ARKit, Swift www.github.com/augmaar/ios-app

- Mobile marketplace to buy and sell pictures and paintings, using augmented reality to view the art on the user's walls
- Collaborated with 4 other teammates on this Capstone group project for the CodePath iOS Development Course



GitHub ~ ChaseC99

www.ChaseCarnaroli.com



LinkedIn ~ Chase Carnaroli