CHASE CARNAROLI

EDUCATION

University of California, Irvine | B.S. Computer Science - 3.34 GPA   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

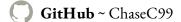**ICS 33 Grade Viewer** | HTML, JavaScript   www.ics.uci.edu/~ccarnaro/ics33gradeviewer.html
- Website developed for my computer science professor to display student grades online
- Used over 10,000 times by UC Irvine students

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