

Chan Woo Park

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Education

University of California Irvine

B.S. Computer Science

Specialization: Network Systems

Irvine, CA

December 2020

GPA: 3.302

Skills

Languages: Java, Python, C, C++, JavaScript, TypeScript, HTML, CSS, Bash, SQL, Korean, Mandarin

Tools: Jira, Git, GitHub, Docker, AWS EC2, Linux, MySQL, MongoDB, Nginx, Tomcat

Libraries/Frameworks: Android, Angular, Node.js, Express, JDBC, Firebase, JUnit

Experience

Software Engineering Intern, Android • Java, Android, ARCore

Jan 19 – Aug 20

VUSAR

Irvine, CA

- Provided a cloud sharing platform for uploading and visualizing 3D designs
- Delivered a smooth mobile augmented reality experience by integrating hand gestures to transform 3D assets
- Restructured entire codebase to follow MVVM software architecture, improving app memory usage by 40%
- Successfully launched MVP into production, integrated Segment API to track user analytics and crash reports

Developer Intern • Linux, Nginx, MongoDB, TeamCity, SSL

Sep 16 – Nov 16

Shou Ji Han Yu

Seoul, Korea

- Configured staging server infrastructure to securely forward requests to web application

Student App Developer, Android • Java, Android

Irvine, CA

School of Education, UC Irvine

Nov 15 – Jul 16

- Collaborated with UCI research team to build a memory game for elders that logs user progress over time

Leadership

Korean Augmentee to the US Army • Service, Duty

Nov 16 – Aug 18

Republic of Korea Army

Uijeongbu, Korea

- Served alongside the USFK (United States Forces Korea) as part of the KATUSA program
- Performed as interpreter at the Ministry of National Defense during annual military operations

Student Events Chair • Leadership, Responsibility

Sep 15 – Jun 16

ICS Student Council, UC Irvine

Irvine, CA

- Hosted career development events that provided academic and social benefits for the ICS student community

Projects

My Website (parkchanwoo.me) • MEAN stack, Linux, Docker, Nginx

Aug 20

- Designed a functional web portfolio using Angular, Node.js, MongoDB, Express
- Isolated each layer into Docker containers to simplify deployment to production server

FabFlix • MySQL, AWS EC2, Java, JDBC, JavaScript, AJAX, HTML, CSS

May 20

- Built a full stack web application for browsing and purchasing movies
- Scale app with load balancer that redirects traffic to master/slave servers
- Prevent SQL injection attacks and perform secure authentication using Google reCaptcha and password encryption

Tamagotchi AR • Hackathon, Java, Android

Jan 20

- Lead team of developers to building a mobile game for raising virtual pet in augmented reality

Course Alert • Python, Flask, Twilio API

Dec 19

- Track live changes in UCI course openings and send SMS notifications to gain advantage in course enrollment