

# Can Toraman

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## EDUCATION

### University of Southern California

BS, Computer Science

Cumulative GPA: 3.52

**Advanced Coursework:** Algorithm Analysis, Software Engineering, Computer Systems, Game Development, Linear Algebra, Calculus III, Data Structures & Algorithms

Awards: Dean's List (All semesters except Spring 2019)

Los Angeles, CA

May 2023

## EXPERIENCE

### Getir

Full-time Backend Developer

Istanbul, Turkey

Feb 2021 – Jul 2021

Getir is EMEA's fastest growing instant grocery, restaurant, and small business products delivery application originated in Istanbul, Turkey, currently operating in nine countries.

- Worked under restaurant zone operations, restaurant visibility options and related algorithms as the first and only college student working as a full-time developer within the technology department while improving my skills in agile, Node.js, MongoDB, Redis, AWS, RabbitMQ, microservice architecture, testing, and rolling deployment monitoring.
- Developed a restructured zone selection feature with autogenerated hexagon-based subzones, which contributed to the firmwide efficiency in logistics and cost reduction across the EMEA region.

### Peero

Co-founder & Technical Lead

Los Angeles, CA

January 2021 – Present

Peero is an ed-tech platform to optimize college applications through free, democratized, and insightful data for universities and majors while also offering personalized task management and interactive communication systems with college admission counselors.

- Work on the backend and deployment systems using Node.js, PostgreSQL, Redis, and AWS while serving as a project manager to the tech team.
- Design the software stack and customize the frameworks for enhanced intuition and compatibility with third parties.
- Optimize the cloud network to reduce the projected billing and follow the rules of FERPA for the storage of academic data.
- Manage grant applications for technological operations – recently secured \$6.5K in grants from AWS to cover cloud costs.

## LEADERSHIP AND INVOLVEMENT

### USC Autonomous Underwater Vehicle Club

Software Lead

Los Angeles, CA

Sep 2019 – Present

USC AUV is a student-run club that designs and implements an autonomous vehicle to detect objects and complete specific tasks underwater. The team participates in the annual RoboSub competition backed by companies including Northrop Grumman and Blue Origin.

- Manage a group of 10+ graduate and undergraduate students to re-implement the software architecture for improved decision autonomy while contributing to a task planning feature design.
- Enhance the rotation and acceleration capabilities of submarine motors by improving the embedded systems code.

### Turkish Trojan Association

External Affairs Director

Los Angeles, CA

September 2019 – January 2020

- Created an external network environment including the Turkish Consulate and Turkish professionals residing in the US to receive funding, network, and sponsorship for cultural events in California.

## SKILLS & MEMBERSHIPS

**Skills:** Agile, Backend Development, Project Management, Computer Vision, Game Development

**Programming Languages & Databases:** Node.js C++ Java Python PHP Solidity | MongoDB Redis PostgreSQL MySQL

**Frameworks:** Express hapi Nest | React Next.js | Unity SDL | RabbitMQ

**Devops & Web Services:** Git Docker CI/CD | AWS, Twilio, Sentry, New Relic, Cloudflare

**Memberships:** USC AUV, USC ACM, Blockchain @ USC, USC AAI

## INTERESTS & GOALS

**Skills:** Agile, Backend Development, Computer Vision, Game Development

**Interests:** Software architecture, AI for analytics and optimization, focusing on ed-tech industry

**Goals:** Specializing in software architecture solutions, along with personal and professional growth in computer science