Can Toraman

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EDUCATION

University of Southern California **Los Angeles, CA**
BS, Computer Science *May 2023*
Cumulative GPA: 3.50
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)

EXPERIENCE

Getir **Istanbul, Turkey**
Full-time Backend Developer *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 **Los Angeles, CA**
Co-founder & Technical Lead *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 **Los Angeles, CA**
Software Lead *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 **Los Angeles, CA**
External Affairs Director *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 AAAI

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