Can Toraman

toraman@usc.edu | cantoramann.com | Istanbul, Turkey / Los Angeles, CA | www.linkedin.com/in/cantoraman

(+1) 310 7210-0412 / (+90) 532 583 1288

EDUCATION

University of Southern California   **Los Angeles, CA**
BS, Computer Science   *May 2023*
Cumulative GPA: 3.49
Advanced Coursework: Advanced Algorithm Analysis, Full-Stack Web Development, Intro to Game Development
Future Interests: Software architecture, AI for analytics and optimization, focusing on education technology industry.
Future Goals: Specializing in software architecture solutions, along with personal or corporate work in ed-tech industry.
Awards: Dean's List

SKILLS AND MEMBERSHIPS

Skills: Full Stack Web Development, Game Development, Computer Vision, Blockchain
Programming Languages & Databases: Node.js PHP | JavaScript ReactJS | Swift | C++, Java, Python | SQL, MongoDB
Frameworks: Express.js,
Memberships: USC AUV, USC Association of Computing Machinery, Blockchain @ USC, USC AAAI

EXPERIENCE

USC Autonomous Underwater Vehicle Club   **Los Angeles, CA**
Computer Vision Lead   *September 2019 – Present*
USC AUV is a student-led club to design and implement an autonomous vehicle that can detect objects and complete specific tasks underwater. The team participates to the annual RoboSub competition backed by 15 companies and organizations including Northrop Grumman and Blue Origin.
- Creating and testing image datasets that will be used for obstacle and target detection underwater.
- Adjusting testing parameters with a group of doctoral students to optimize object detection accuracy.
- Expected computer vision accuracy for 2021 is above 92%.

EthSign   **Los Angeles, CA**
Founding Member & Frontend Developer   *February 2020 – Present*
EthSign is a distributed online document signing platform that excludes any third party to store the information shared between the signer and the signee.
- The platform has taken the attention of several funds within blockchain communities of California and China.

Formology   **Los Angeles, CA**
Frontend Developer & Distributed Network Theory   *August 2019 – February 2020*
Formology is a next-generation online knowledge platform with decentralized measures for the reliability of the information being shared. It is currently in-progress.
- Developed the user interface of the platform with React. Optimized the use of several frontend and backend libraires.
- The project draft won the 3rd tier prize in Defi Hackathon of San Francisco Blockchain Week 2019 and was selected to International Business Accelerator Program, Viterbi Innovation, and New Venture Seed Capital Competition within USC.

LEADERSHIP AND INVOLVEMENT

Turkish Trojan Association   **Los Angeles, CA**
External Affairs Director   *September 2019 – January 2020*
- Helped the club temporarily creating an external network environment including the Turkish Consulate and Turkish professionals residing in California to receive funding, network, and sponsorship for cultural events in Los Angeles.

East to West Basketball   **Istanbul, Turkey**
President   *January 2015 – July 2018*
- Executed the project in 2018 year to hold international 3x3 basketball tournament in Istanbul to create a multicultural interaction between promising athletes, many of which from underprivileged regions in Middle East.
- Fundraised approximately 100.000 TL in 2018 project year by staging sponsorship presentations and proposals for Turkey's most innovative enterprises.