Kaan Aksoy

PERSONAL INFORMATION

CITIZENSHIP
Citizen of the U.S.A. and Turkey

MOBILE
+974 3350 1455

EMAIL
kaan.aksoy@kaksoy.com

LINKEDIN
linkedin.com/in/kaksoy

EDUCATION

CARNEGIE MELLON UNIVERSITY
B. Sc., Information Systems
Minor in Psychology
Doha, Qatar

AMERICAN HERITAGE SCHOOL
High School Diploma
Florida, U.S.A.

SKILLS

LANGUAGES
Native English | Native Turkish
Elementary Spanish

TECHNICAL EXPERTISE
Software Engineering
Unix | Python | C | C# |C++ | HTML/CSS
PHP | JavaScript | SQL | Ruby | R
React.js | MongoDB | Node.js | AWS

Emerging Technologies
3D Printing | Aerial/Terrestrial Drones
Robotic Systems | Metaverse | IoT
Augmented Reality | Virtual Reality

Other
MS Office 365 Suite | Fusion 360 |
AutoCAD | Meshmixer | Tableau |
Figma | Advanced Excel | Power BI

VOLUNTEERISM

CAD DESIGNER
Mercedes-Benz Owners Forum
(benzworld.org)
Mar 2020 - Present

SAILING INSTRUCTOR
Yesilyurt Sailing Club
Oct 2012 - July 2015

INTERESTS

Classic Car Restoration | Skiing |
Competitive Sailing | Film Photography
Cooking | History | Literature

EXPERIENCE & RESEARCH

HSEQ INTERN
TotalEnergies Qatar
Aug 2022 - Present
- Leveraged augmented reality to achieve company objectives.
- Developed web applications to improve participant experience.
- Managed & facilitated outreach events with stakeholders.
- Designed and built Power BI Dashboards used to monitor performance metrics.

LEAD SOFTWARE DEVELOPER
Information Systems Senior Project
Aug 2021 - Dec 2021
- Achieved 1st place at the Tech Startup Launchpad Competition held at Carnegie Mellon University.
- Developed a new platform to centralize automotive service providers, issue diagnosis & vehicle history reporting.
- Utilized blockchain technology to secure vehicle history reports.

PROJECT LEADER
Information Systems Consulting Project
May 2021 - July 2021
- Reimagined the Carnegie Mellon University student intranet.
- Led the development of technical documentation, source files and implementation guides.
- Facilitated meetings as a central point of communication between the client and the team.

TEAM LEADER, TEAM CMU-Q
International Genetically Engineered Machine (IGEM)
April 2018 - February 2020
- Provided leadership to a team of 20 multidisciplinary researchers.
- Originated a novel system to enhance diagnosis of genetic diseases.
- Delivered a presentation of the work at conferences in Boston, MA.

METAVERSE CONTROLLER DEVELOPMENT INTERN
AUGMEA Simulation and VR Technologies
May 2018 - August 2018
- Conceptualized, designed, and produced an innovative controller system for military training simulations.
- Planned and executed the design and construction of the system.

FOUNDER, TEAM #5472
FIRST Robotics Competition
August 2014 - May 2017
- Presided over a team of 54 students and 5 mentors.
- Secured sponsorship agreements with Lockheed-Martin and NASA.
- Launched an autonomous vehicle project for Lexis-Nexis.