

CONTACT

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SKILLS

Python	Advanced
C/C++	Intermediate
SQL	Intermediate
UNIX/Linux	Advanced
Java	Proficient
LaTeX	Proficient
HTML, CSS, JS	Intermediate
Docker	Advanced



ATAKAN ONOL

Computer Engineer

PROFILE

I am a dedicated Computer Engineer pursuing my Bachelor's degree at Middle East Technical University while concurrently working full-time as a Computer Engineer at a biomedical company. With a strong background in Python, C/C++, and Linux, I am passionate about solving complex problems and developing innovative solutions. In my role at Oruba Technology, I have gained hands-on experience in software development, IoT device management, web development, and even Virtual Reality (VR) applications. I am adept at collaborating with cross-functional teams, conducting research, and providing technical support to clients worldwide. My educational background and work experience have honed my ability to adapt to new challenges and technologies rapidly. I am eager to continue growing as a computer engineer and contributing my skills to create cutting-edge solutions.

WORK EXPERIENCE

Computer Engineer Oruba Technology, Ankara, Turkey

Mar 2021 - Present

At Oruba Technology, I've been instrumental in advancing the company's growth by embracing diverse responsibilities as a computer engineer. My contributions span various domains, including software enhancement, research and development, and client engagement at an international level.

- Spearheaded the development of innovative features by harnessing Vue.js for frontend and Python for backend, bolstering the functionality and user experience of the device application.
- Demonstrated design prowess by building the company's website from the ground up, ensuring an engaging and informative online presence.
- Leveraged cutting-edge WebXR technology to create an immersive VR game, controlled through electrodes, showcasing the company's technological prowess.
- Pioneered the implementation of an efficient update mechanism for IoT devices using Mender.IoT, streamlining device maintenance.
- Demonstrated a strong commitment to security by conducting in-depth research to fortify system vulnerabilities, ensuring robust data protection.
- Navigated the complexities of remote technical support, offering comprehensive assistance to clients both domestically and internationally.
- Played a pivotal role in the onboarding process by mentoring and training incoming interns, fostering a culture of knowledge sharing and skill development.

Content Creator HalalTravels.com, Remote

Nov 2019 - Feb 2020

Created compelling content for hotel and tour package pages, focusing on enhancing customer engagement.

- Generated content for a range of tour and hotel pages.
- Continuously refined content strategies to maximize impact.
- Conducted final reviews of all press releases.

Outside Sales Representative MarketSource, Cary, North Carolina

Sep 2013 - Jul 2014

Promoted the HP brand, trained store employees on new products, and ensured customer satisfaction.

- Highlighted new product features based on customer needs and technical knowledge.

EDUCATION

2024
B.Sc. Computer Engineering
Middle East Technical University

2010 - 2012
Diploma
Green Hope High School

LANGUAGES

English Native
Turkish Native

- Provided exemplary customer assistance during shopping experiences.
- Managed expense reports, sales reports, and paperwork.

Lifeguard
Triangle Aquatic Center, Cary, North Carolina

Mar 2012 - Jul 2014

Ensured pool and facility safety, performed rescues, administered first aid, and maintained cleanliness and water quality.

- Executed water rescues and administered first aid or CPR as needed.
- Maintained detailed records of emergency medical treatments.
- Ensured the cleanliness of recreational facilities.
- Conducted routine pool water testing and chemical adjustments.

INTERNSHIPS

Computer Engineering Intern
Oruba Technologies Ankara, Turkey

Feb 21 - Mar 21

Was tasked with setting up an OpenVPN server and testing the maximum number of devices that could connect. Also researched vulnerabilities in the system, the risk they present, and how to prevent them.

- Setup an OpenVPN server using docker
- Research vulnerabilities in system that were detected by TrendMicro

EXTRACURRICULAR ACTIVITIES

Lineman
METU American Football Team

2014 - 2017

Was the starting offensive left tackle and the starting defensive end throughout all three seasons.

Achievements include:

- Ranked 3rd in the 2014-2015 university league season
- Recieved the Most Improved Player of the year award
- Began the team's online social media presence
- Designed and coordinated the team branded clothing apparel such as t-shirts, hoodies, and shorts

Head Lineman Coach
METU Woman's Flag Football Team

2016 -2017

Was the first head lineman coach where it was my responsibility to introduce the game of flag football, increase athletic prowess, and teach how to move and work as a team.

- Team was founded in 2016

Achievements include:

- Ranked 2nd at the Anatolian Flag Football Tournament
- Ranked 4th at the Annual Football Championship

