

Ugurcan Sonmezoglu

ugurcansonmezoglu@gmail.com

Ankara, Turkey

Software Developer, Programmer and Assistant General Manager

Ugurcan Sonmezoglu is a mechatronics engineer and software developer. He graduated from the Mechatronics Engineering Department of the University of Turkish Aeronautical Association. His expertise includes constraint programming, data structures, computational geometry, and artificial intelligence.

SKILLS

3D Visualization	Artificial Intelligence	API Development	Global Team Coordination
Software Development	Project Management	Constraint Programming	Financial Management

EXPERIENCES

Apr 2024 - Present

MicroQBit LLC. / Assistant General Manager

MicroQBit is subsidiary organization of Certusoft. Constraint programming, data structures, computational geometry, artificial intelligence, software tester. Management.

Mar 2023 - Apr 2024

Certusoft Inc. / Software Development and Delivery Manager

Complex, innovative algorithm design and math-intensive software development. Numerical optimization techniques, computational geometry, coordinate transformations, developing API and applications with VB, C++, Java and etc. Developing API for Siemens NX, Solidworks and etc. Team leadership.

Jun 2022 - Mar 2023

Certusoft Inc. / Software Development and Design Engineer

Developing software code for computational geometry, automated 3D modelling and computer graphics, application. Developing algorithms and coding for computational graphics handling of web-based automotive applications and automotive 3D models. Data and configuration rules, debugging rules and constraints.

Aug 2021 - Feb 2022

Fore International Co. Inc. / QA and Project Engineer

Design, planning, testing, training and quality control in pre-earthquake building motion detection project.

Aug 2019 - Feb 2021

Aptitude Tests for Turkish Airlines Pilot Training

Many talent stages have been successfully passed like Toefl, DLR-I, CRM etc. , but process halted due to corona virus.

Jun 2019 - Jul 2019

Robos / Engineer Intern

Software and management internship in an AGV manufacturing company.

Jun 2017 - Sep 2017

Mramor Kurtes Soba LLC. / Engineer Intern

Production internship in a company manufacturing sheet metal bending machines and parts.

Jun 2016 - Aug 2016

Ankatech Information Technology LLC.

Computer consulting activities, networks solutions, electrical infrastructure solutions and structured cabling.

EDUCATION & CERTIFICATES & ACTIVITIES

Bachelor of Mechatronics Engineer, University of Turkish Aeronautical Association - Aug '19

The Institute of Electrical Electronics Engineers Member, UTAA - '15 / '19

Engineers Motorcycle Group Member, UTAA - '15 / '19

DriveWorks Pro Training - May '24

Iki Teknik Bilisim Catia Training '18

Koc University Marketing Club '17

THK - FAI Model Plane - '19 / UAV Unmanned Aerial Vehicle Pilot Certificate - Dec '21

Siemens TIA Portal Training - '21