

Muhammed Şamil Arınc

Electrical and Electronics Engineering Student

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EDUCATION

Friedrich-Alexander-Universität
Erasmus Student for summer semester

Erlangen-Nürnberg, Germany
2022–Current

Bilkent University
Bachelor of Science in Electrical and Electronics Engineering
– Senior - Full Merit Scholarship

Ankara, Turkey
2018–2023 (Expected)

Kayseri Science High School
High School

Kayseri, Turkey
2014–2018

EXPERIENCE

Sensemore - Summer Training

Sensemore is smart machine health tracking company offering end-to-end IoT solutions.

Istanbul, Turkey
2021

- As an intern, I designed a communication protocol called SMComWired. I used the serial port to communicate between PC and sensor.

Student Teaching Assistant

Student Teaching Assistant of EEE102-Digital Design course laboratory.

Bilkent University
2021–2022

- As a laboratory assistant, my job is helping students with their laboratory tasks and term projects.

BPC-Turtle Project Coordinator

I assembled a team to work on an autonomous vehicle project

Bilkent University
2021–Current

- We started to design an autonomous car called Turtle with a interdisciplinary team within the structure of Bilkent Programming Club in July, 2021.

President of Bilkent Programming Club

Bilkent Programming Club is a student club of Bilkent University

Bilkent University
2021–2022

- Since I came with the idea of designing a autonomous car and organize my friends to assemble an autonomous car team, they elected me as the president of the club. As the president of the club, I coordinate the autonomous car project and activities of the club such as C++, VHDL and Machine Learning tutorials.

SKILLS

- **Courses Taken:** Circuit Theory, Digital Design, Microprocessors, Machine Learning, Bio-informatics, Signals and Systems, Deep Learning, Robotics
- **Programming Languages:** C, C++, Python, VHDL, Verilog, Java, Assembly, MATLAB
- **Developer Tools:** Vivado, VSCode, Anaconda, Proteus, SolidWorks

LANGUAGES

- **Turkish:** Mother Tongue
- **English:** Advanced
–IELTS: 7.0
- **German:** Beginner
- **Arabic:** Beginner

PROJECTS

- TRC-10 Transceiver (2020)
 - A simple transceiver
- Simple Elevator (2021)
 - A basic elevator design with KL25-Z board
[Project video](#)
- Chameleon Robot (2020)
 - A robot moves with chameleon-like legs and change its color according to ground's color
[Project video](#) [Project Codes](#)
- Charging Lane (2022)
 - A road design which has inductors placed under it provides charging to electric powered cars

SCHOLARSHIPS AND AWARDS

- Bilkent University Comprehensive Scholarship 2018–Current
- High Honour Student 2019, 2020
- Ranked 562nd in National University Entrance Exam (YKS) 2018
- 7.0 points from International English Language Testing System (IELTS) 2018

EXTRACURRICULAR ACTIVITIES

- Bilkent Programming Club Student Branch Active Member 2020
- IEEE Student Branch Active Member 2019
- Head of Technique at KFLMUN 2017
Web designer and Head of Technique at Kayseri Fen Lisesi Model United Nations (KFLMUN)