

Sevkuthan Kurak

Faculty of Engineering and Natural Science
International University of Sarajevo, BH

Personal Data

Industrial Business Experience	10 Years +
Nationality	Republic of Turkey
Military Status	Completed (31.01.2005)
Place of Birth	Istanbul / TURKEY
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Research Interests

- Control Theory
 - Swarm - Flock Control
 - Non Linear Control
 - Optimal Control
 - Optimal Filtering
 - Adaptive and Intelligent Control
- Embedded Systems
 - Arm-Cortex Microcontrollers
- Avionic Systems
- Sensors

Education

MSc. In Electrical and Electronics Engineering (2015-2017)

Faculty of Engineering and Natural Sciences
International University of Sarajevo
Sarajevo / BOSNIA AND HERZEGOVINA
MSc Thesis : Control and Estimation of Quadcopter Dynamical Model

BS. Astronautical Engineering (1992-2002)

Aeronautical and Astronautical Faculty
Istanbul Technical University
Istanbul/TURKEY

Teaching Experience

Term	Courses	Position	Institution
Fall 2017	Differential Equations	T/A	IUS
	Signals and Systems	T/A	IUS
	Calculus I	T/A	IUS
	Linear Algebra	T/A	IUS

Spring 2017	Control System Design	T/A	IUS
	Calculus I	T/A	IUS
Fall 2016	System Modeling and Control	T/A	IUS

Industrial Business Experience (Last Two Companies)

Research and Development Engineer

Embedded Systems Programmer
 Datakom Electronic Inc. (September 2012-June 2015)

Research and Development Engineer

Embedded Systems Programmer – Circuit Designer
 ARG Electronic Consultancy Inc. Co. (December 2007-November 2012)

Tools

1. Keil Compiler-Jtag.
2. Visual Studio.
3. Wireshark.
4. Oracle VM VirtualBox.
5. VMware.
6. Ubuntu.
7. Qtopia.
8. GCC.
9. MinGW-MSYS.
10. AVR Studio.
11. Win-AVR.
12. Microchip MPLAB.
13. Microchip C18 Compiler.
14. Microchip ICD2 debugger-programmer.
15. GoldWave (sound processing software).
16. MATLAB.
17. Altium 2004
18. NetBeans 7.0 and JAVA
19. SQLite.
20. Friendly ARM, Mini2440, S3C2440 ARM9 Board
21. Embedded Artists (EA), LPC2468 Developer's Kit.
22. Keil, MCBSTM32
23. MSDN C-C++ library knowledge. (Win32 API)
24. Tortoise SVN
25. Beyond Compare
26. Polar SSL and Open SSL
27. Crypto JAVA Card Applications
28. Common Criteria EAL-4 Project Application and Documentation

Social Interests and Activities

Swimming and Yachting