Yigit Suoglu

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Education:

2013 - Present	**Sabanci University, Istanbul, Turkey**
	B.S. Electronics Engineering, 50% Tuition Scholarship
	Current GPA 3.18/4.00
2009 - 2013	**Besiktas Ataturk Anatolian High School, Istanbul, Turkey**

Experience:

Fall 2016	**Undergraduate Teaching Assistant, Sabanci University, Turkey**
	CS 303, Logic and Digital System Design
July - August 2016	**Summer Intern, AirTies Wireless Networks, Istanbul, Turkey**
Summer 2015	**Undergraduate Teaching Assistant, Sabanci University, Turkey**
	CS 201, Introduction to Computing (C++)

Skills:

- **Computer**
  - Verilog HDL
  - C/C++
  - Cadence Virtuoso
  - Xilinx ISE
  - HTML & CSS & JavaScript
- **Language**
  - English: Professional working proficiency

Projects:

- **Visible Light Communication using RGB LEDs and Arduino**
  We built a simple communication system using Arduino Uno, 1w RGB LEDs and RGB colour sensor in 9 days. At this stage our system can send and receive text based massages from one Arduino to another Arduino using visible light. I Led a team of five. (including me)
  For more information check: github.com/suoglu/RGB_data_transfer
- **Implementation of a Doppler Radar on PCB:**
  As part of Microwaves course we designed and implemented a doppler radar on printed circuit board. In our design discrete amplifiers, mixer and filters were used.
  For more information check: suoglu.github.io/misc/Project-Reports/Kara&Suoglu_projectReport.pdf

- **Simple Queue Management System for Bank:**
    We designed a simple queue management system in Verilog and implemented it on BASYS FPGA
    board. I worked with a partner at this project.
    For more information check: github.com/suoglu/Queue-Management-System

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Certifications

- Cisco Networking Academy:
    - IT Essentials: suoglu.github.io/misc/Certificates/Cisco-IT-Essentials.jpg
    - Introduction to Cybersecurity: suoglu.github.io/misc/Certificates/Cisco-Int-to-Cybrsec.pdf
- Turkcell certificates:
    - Arduino 101 & 201 & 301 & 401
    - Web Programming 101 & 201 & 301