

Kaan Goksal

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OBJECTIVE

To obtain a Computer Science internship for summer 2015

EDUCATION

Georgia Institute of Technology, Atlanta, GA Aug 2015 – Present

- Candidate for Bachelor of Science in Computer Science (Expected Graduation May 2019)

Robert College of Istanbul, Istanbul, Turkey September 2010 – May 2015

- GPA 3.44/4.0

EXPERIENCE

R&D Specialist, Hornet Robotics, Istanbul, Turkey March 2015 – Present

Hornet Robotics, located in Turkey, is an UAV Company that manufactures & develops drones for local government.

- Designed custom drones using SolidWorks and manufactured them using carbon fiber and 3D printing.
- Piloted drones, did field tests.
- Analyzed flight logs for vibration, compass failures, telemetry interference, power efficiency and reason for crashes.

Product Design Officer & Co-founder, Connecthing, Istanbul, Turkey April 2014 – July 2015

Connecthing is an Internet of Things startup founded by 4 students. The first product is a smart plug for smart grid applications.

- Took big role in product design process and wire-framing.
- Did the 3D design of the products and prototyping using 3D Printers and Arduinos
- Pitched the company at Startup Istanbul.
- Was about to receive 1.6M\$ angel investment.

Founder & Instructor, Robert College Makers Club Istanbul, Turkey Sep 2014 – June 2015

- Taught kids how to use SolidWorks, Arduino, and how to 3D Print
- Introduced Maker Culture to Istanbul and Turkey, also to Robert College by giving out speeches on TV, and newspapers.

SKILLS

Concepts: Quadcopter frame design, 3D Printing FDM, Arduino Robotics, Building drones by integration,

Languages: C#.NET, Arduino, Java, python

Applications: SolidWorks, Adobe Premier, Visual Studio, MS Office

Operating Systems: Windows, Linux (Debian)

Equipment: Oscilloscope, Digital Multimeter, Soldering Iron, FDM Printers, Laser CNC,

CIVIC AND CAMPUS INVOLVEMENT

Sivas Education Community Involvement Project August 2013

- Taught 20 kids, in a village, how to play the guitar and inspired them to play a musical instrument.
- Gave a little concert with the kids which learned how to play a musical instrument

Denizli School Painting Community Involvement Project June 2012

- Painted and renovated a school in a village of Denizli.
- Raised money for paints and equipment by selling homemade cookies.

Bahcelievler Orphanage Community Involvement Project September 2012 – May 2013

- Took orphans to sightseeing in the city (Istanbul) once a week.
- Helped orphans with their homework and courses.