Mark Farid

930 Spring Street, Atlanta, GA 94306 markfarid@gatech.edu 650-400-9025

EDUCATION

Georgia Institute of Technology, Atlanta, GA May 2019

- Candidate for B.S. in Mechanical Engineering (Minor in Computer Science)
- Major GPA: 3.50/4.00

Gunn High School, Palo Alto, CA August 2013 - May 2015

- High School Diploma; GPA: 3.83/4.00

SKILLS

Equipment:	Soldering, Mill, Lathe, Laser Cutter, FDM 3D printing (PLA and ABS)
Lab:	IR sensor, Accelerometer, Digital Multimeter, Oscilloscope, Arduino,
Programming:	Java, Solidworks, Inventor, Photoshop, MS Office
Communication:	Presentations, Formal Reports; Fluency in English and Arabic
Athletics:	Competitive Ultimate Frisbee, Recreational Soccer

PROJECTS

Summer Project June 2015

I built a remote-controlled drone from a frame and separately purchased electronics

- Researched suitable electronic components for ideal specifications
- Soldered all electronic connections and configured transmitter/receiver
- Fine tuned PID constants for onboard flight controller

EXPERIENCE

ID Tech Camps, San Francisco, CA June 2016 - August 2016

Instructor, 3D printing

- Prepared lesson plans and taught week-long 3D printing classes to up to 8 students
- Applied behavior management techniques to enforce rules and safety regulations
- Engaged with parents during student project showcases; wrote diplomas for each student

Georgia Institute of Technology, Atlanta, GA October 2015 - Present

Part Time Research Assistant

- Designed CAD models of industrial areas, for use in analytical/optimization simulations
- In regular correspondence with a supervisor to ensure all specifications are met

Mathnasium, Menlo Park, CA October 2014 - December 2014

Math Tutor

- Worked individually with children aged 5-14, teaching Math concepts
- Helped to develop problem solving skills through effective teaching methods
- Graded homework and tests; giving feedback and assigning corresponding practice problems

LEADERSHIP

Gunn Robotics Team, Mechanical Lead September 2014 - May 2015

- Designed and fabricated robot components using cad software and mill/lathe respectively
- Led the team through various design iterations and held regular design reviews