EDUCATION

Rensselaer Polytechnic Institute
Troy, NY / *2014 - 2017*
B.S. Electrical Engineering
GPA: 2.9

RELEVANT EXPERIENCE

Boeing / *Electrical Engineering Intern*
Oklahoma City, OK / *June - Aug. 2016*
Member of systems integration team during avonics modernization program.
Created software patches while working in systems integration lab.
Wrote and supported requiements management.

Rensselaer Motorsport / *FSAE Team*
Troy, NY / *2014 - PRESENT*

Engine, Drivetrain and ELectrical Project Manger / 2015-2016
Designed , troubleshooted + constructed racecar quality wiring harness
Managed development of engine, drivetrain and electrical package
Designed PCB and testing procedures for drive by wire system
Developed and debugged code for I2C communicaton + automatic shifting

Embedded Control TA
Troy, NY / *Sep. 2015 - PRESENT*
Assisted students with debugging softwear + hardware

SKILLS + TOOLS

Languages	Platforms
C	PSoC
Python	C8501
Java	Arduino
HTML	NAO
VHDL	AIM DAQ

Software	Protocols + Algorithms
DipTrace	Serial
OrCad PSPICE	I2C
Git	PID
Siemens NX	PWM
SolidWorks	ARINC 429
DOORS	CAN
Labview	BLE
MATLAB	

Additional Skils
Electronics prototyping + verification
Analysis, design + simulation of digital logic + analog circuits
PCB design and manufacturing
Technical documentation
Analysis of discrete and continuious signals + systems\
Machining (Lathes, Mills and other shop tools)

ACTIVITIES + INTERESTS

RPI Ambulance
Troy, NY /   Sep. 2014-PRESENT
Student run, Basic life suppot ambulance agency
NYS EMT-B Certified

Rowing
CSH High School Crew / Greenwich, CT / 2010 - 2014
Riversport Adventures Novice Masters / Oklahoma City, OK / Summer 2016
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