Christina Paolicelli

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EDUCATION

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

RELEVANT EXPERIENCE

The Boeing Company / *Electrical Engineering Intern*
Oklahoma City, OK / *June - Aug. 2016*
Member of systems integration team during avionics modernization program.
Created software patches while working in systems integration lab.
Supported requirements management and coordinated collection of data from test procedures.

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 communication + automatic shifting

Embedded Control TA
Troy, NY / *Sep. 2015 - PRESENT*
Assisted students with debugging software + hardware
Ensured labs were properly complete

SKILLS + TOOLS

Languages	**Platforms**
C / C++	PSoC
Python	C8501
Java	Arduino
VHDL	AIM DAQ

Software	**Protocols + Algorithms**
OrCad PSPICE	I2C
Git	PID
Siemens NX	PWM
SolidWorks	BLE
DipTrace	CAN
LabView	UART
MATLAB	SPI

Additional Skils
Electronics prototyping + verification
Analysis, design + simulation of digital logic + analog circuits
PCB design and manufacturing
Technical documentation
Analysis of discrete and continuous signals + systems

CURRENT COURSEWORK

Distributed Signal and Sensor Networks
Digital Signal Processing
Control Systems Engineering
Microprocessor Systems

ACTIVITIES + INTERESTS

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