Current Address:
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Samuel Peters

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Permanent Address:
7868 N. 39th Street
Augusta, MI 49012

OBJECTIVE

To obtain a position within the field of electrical engineering or computer science that utilizes my strength in team settings, project management, analytical abilities, and creativity.

EDUCATION

University of Michigan – Ann Arbor September 2014 – Present

B.S.E. in Electrical Engineering, Minor in Physics ||| Expected Graduation: December 2017

GPA: 3.6/4.0

Relevant Coursework: Analog Circuits, Programming and Intro Data Structures, Semiconductors, Digital Product Design

Shanghai Jiao Tong University September 2015 – December 2015

Relevant Coursework: Intro to Circuit Analysis, Chemistry, Chinese Language and Culture

WORK EXPERIENCE

Software Development Intern ||| Nokia ||| IP and Optical Networks Team (ION) May 2016 – August 2016

- Lead designer in project to write python code to generate C config files for intra-router redundancy
- Wrote miscellaneous C and generated C code for IP router operating systems
- Helped with writing python code to parse yang files using python package "Parsley"

Depot Technician ||| University of Michigan IT February 2015 – April 2016

- Configured, prepared, and imaged computers and printers in accordance with established procedures
- Performed user data and state migration during image build on computers as required

Research Assistant ||| Nanoengineering and Nanodevice Lab (University of Michigan) September 2014 – May 2015

- Operated HP semiconductor parameter analyzer to test a MoS_2 nanotransistor for biomedical applications
- Worked in the Lurie Nanofabrication Facility to assemble nanodevices
- Presented numerous technical papers to research group

EXTRACURRICULAR ACTIVITIES

Students for Clean Energy (SfCE) September 2016 – Present

Project Team & Outreach Liaison

- Work with other environmental organizations to plan projects and events to co-sponsor
- Write grants to support our club's projects, such as solar pavilion

University of Michigan Formula SAE Hybrid Racing Team December 2014 – May 2015

Electrical Division, High Voltage Subteam

- Followed design specification to fabricate various parts of the high voltage (HV) battery
- Worked in team to design part of a PCB to light an LED when voltage of HV battery went past a certain threshold

SKILLS AND AWARDS

Programming Proficiency: Python, C++, Java, MatLab, PHP, Cadence, Arduino, Spice, Microsoft Office, Linux

Honors/Clubs: Rogel China Scholar, Eta Kappa Nu (HKN) – EECS Honor Society, Dean's List since first semester

Hardware Experience: Built circuitry for a PV-powered game of Snake using an Arduino, LEDs, and button controller