SETH DEANE

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SUMMARY

To expand upon my understanding of Computer Engineering industry expectations through internship experience.
Available September through December 2018.

EDUCATION

2020	**Rochester Institute of Technology** Bachelor of Science Computer Engineering Cumulative GPA: 3.26/4.00

EMPLOYMENT

May 2017 to Dec 2017

Harris RF Communications · Computer Engineering Co-op · Rochester, New York
- Analyze industry and experimental routing protocols.
- Design optimized loop-avoidance algorithm for a low bandwidth routing protocol.
- Document and present findings to company engineers.

Sep 2015 to Present

RIT Information Technology Services · Service Desk Senior Representative · Rochester, New York
- Responsible for the maintenance of RIT accounts.
- Prepare new Service Desk employees by leading training sessions.
- Provide technical assistance to all RIT community members.

Jun 2016 to Aug 2016

Chewonki Foundation · Camp Counselor · Wiscasset, Maine
- Co-lead multi-day wilderness trips.
- Act as a mentor and create a strong community for youth.
- Provide a safe environment for campers to create life long memories.

SKILLS

PROGRAMMING LANGUAGES	C, Python, VHDL, ARM Assembly, Java, HTML, CSS, LaTeX, Javascript
OPERATING SYSTEMS	Debian, Windows, Android
SOFTWARE	Git, Pycharm, Clion, IntelliJ, Altera Quartus, Modelsim, Xilinx ISE, Microsoft Office, VIM, Bash
HARDWARE	FPGA, Oscilloscope, Digital Multimeter, Waveform Generator, Breadboard, Integrated Circuits

PROJECTS

Aug 2017 to Present

Project Euler
Project Euler is a collection of 600+ problems requiring clever programming solutions. Each problem provides excellent programming practice, algorithm development, and optimization.

Sep 2016 to Nov 2016

HealthNet
Worked in a four-member team to develop a website that maintains a network of hospitals using the Django framework in Python and HTML based on customer requirements. As the testing coordinator, I was responsible for unit testing the project throughout its life cycle.

Sep 2015 to Dec 2015

Arduino Maze Solving Robot
Program an Arduino UNO to complete a maze using distance sensors. The Arduino board was connected to servos for movement. Infrared distance sensors were used to measure the distance between the Arduino and an obstacle . As the robot approached an obstacle, the sensor would update the code so the Arduino would correct for the appropriate action.

ACTIVITIES

Sep 2016 to Present

RIT Club Soccer Team · Team Member
Member of the RIT Club Soccer Team. Commitment consists of two practices a week in addition to weekend games.

VOLUNTEERING

Aug 2017 to Present

Computer Engineering Department Ambassador · Volunteer · Rochester Institute of Technology
Support the Computer Engineering department by speaking about co-op and class experiences to prospective students and the RIT community.