PERSONAL DETAILS

Name	Sam Kilgus
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EDUCATION

College	Rochester Institute of Technology
Degree	B.S. in Computer Science
	Expected May 2019
Languages	English, Basic Spanish, Basic Russian

EXPERIENCE

Netcracker
Summer- 2017

Sales Engineering Development Co-Op
Explored potential applications for distributed computing using Openstack and OpenDaylight, and developed a full-featured web based admin application to monitor virtual machines and their processes on a virtual network.

United Technologies
Fall - 2016

Software QA Automation Development Co-Op
Developed automated software tests to expedite the quality assurance process. Projects included developing a chrome extension to record manual tests on web-based software and generate the corresponding automated test.

Corning Inc.
Summer - 2016

Software Development Co-Op
Provided software development support of Corning products at R&D stage and participated in several research software engineering initiatives: created a smart mirror prototype demonstrating potential new consumer product; created a proof of concept cloud-based software application demonstrating new use case for existing Corning communication product; created a new web-based tool to improve productivity of technology community users.

Rochester Institute of Technology
2015 - Present

Tutor / Student Lab Instructor
Assisted professors with teaching introductory computer science classes, where students learn both Python and Java programming languages, as well as gain in-depth understanding of algorithms and logic.
Mentored the students during lab periods and spent a minimum of 4 hours a week in the computer science tutoring center. Graded and debugged students' lab assignments and projects implemented in the specified languages.

Virginia Tech
Summer - 2015

IT Intern
Developed Android apps to test and collect data for the installation and quality assurance of the new Wi-Fi network on the Virginia Tech campus.

SKILLS

Knowledge
Object Oriented & Imperative Programming
Adobe Creative Suite
Responsive Web Design
Openstack
Distributed Computing

Computer
Javascript + Node.js
Java + Android
Python + Django
HTML 5 / CSS 3
C Language
MIPS Assembly
REST APIs
Perl

Hobbies
Movies
Music
Rock Climbing
Longboarding
Snowboarding
Photography
Cooking