# Samuel Kilgus

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**Education**
2014 - 2019

### BS in Computer Science
Rochester Institute of Technology

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**Netcracker**
Summer 2017

### Sales Engineering 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 Dev. Co-Op
Developed software tests to expedite the quality assurance process. Projects included the development of a chrome extension to record manual tests on web applications which could then be re-run autonomously for future use.

**Corning Inc.**
Summer 2016

### Software Developement Co-Op
Provided software development support of Corning products at R&D stage and participated in several research software engineering initiatives including creating a smart mirror prototype demonstrating potential new consumer product and creating a proof of concept cloud-based software application demonstrating new use case for existing Corning communication product.

**Golisano - RIT**
2015 - 2017

### Tutor / Student Lab Instructor
Assisted professors with teaching introductory CS 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 at least 4 hours a week in the CS 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 campus.

**Coded**
HTML / CSS
Javascript / Node.js
Java / Android
Python / Django
C / C++

**Spoken**
English - Native
Spanish - Basic
Russian - Basic