

## Education

- Rochester Institute of Technology
- BS in Computer Science, December 2016
- Cumulative GPA: 3.5
- Computer Science House Member

## Knowledgeable in

- C#
- C++/CX
- Node JS
- Javascript/JQuery
- HTML5
- CSS3
- Linux
- .NET Framework

## Relevant Classes

- Parallel and Distributed Systems
- Object Oriented Programming
- Data Structures

- Objective C
- Java
- Python
- C

## Personal Projects ([github.com/geekster777](https://github.com/geekster777))

### Personal Blog

Project written with NodeJS, AngularJS, and MongoDB  
Web app pulls articles from a database to present  
Admin login to create articles through Web UI

### 3Ddepict

Web app using JQuery and HTML5 Canvas to draw  
Allows multiple layers for three dimensional effect  
Parallax mode to change view angle with mouse input

## Professional Experience

### Microsoft - Co-op (Summer - 2015)

Used C++/CX to make a Universal Windows App for the Windows Shell team  
App used to validate and create JSON consumed by a feature of Windows 10  
Tested cutting edge tools during Windows 10 and Visual Studios 2015 development

### Intuit - Co-op (Spring - 2015)

Created a co-browsing and video chat solution for customer support using Javascript, Websockets, and WebRTC  
Presented solution to executives, as well as its current market competitors  
Developed a "man in the middle" application meant to push the boundaries of browser security  
Application would create a sandboxed iframe for running external HTML and Javascript  
Developed a state machine graph creator using AngularJS and NodeJS  
Application allows outside companies to create applications to run on TurboTax engine  
Focus was on an intuitive user experience and wide functionality

### MITRE Corporation - Co-op (Spring & Summer - 2014)

Acted as team leader on several projects, responsible for planning, pacing, and packaging  
Occupied a leadership role among a group of a dozen interns  
Created a secure content delivery system to scale to the corporate level  
Developed iOS applications to corporate security standards utilizing Good Dynamics  
Created applications for emerging technologies, such as the Pebble Watch (Android/Apple compatible watch)  
Introduced interactive capabilities for traditionally simple sensors (iBeacons, QR Codes, Geofencing)

### MITRE Corporation - Co-op (Summer - 2013)

Developed systems in C# utilizing network capabilities to control multiple networked devices  
Prototyped solution for securing digital artifacts in enterprise  
Assessed user based technology to obscure the complexity of a collaborative tool being prototyped at Mitre  
Organized group of potential end users for usability testing  
Assessed and developed the prototype from the perspective of a millennial generation employee  
Presented the results to the highest levels of the company

### RIT Library - Part Time (Fall - 2013)

Maintained and developed front end applications for the student body  
Developed small scale systems for the student body that utilized PHP, JQuery, and CSS3  
Utilized Javascript and CSS to push restrictions that third party systems imposed on projects