

## Skills

### Languages

C++	C#
Kotlin	Java
Python	Ruby
Go	Matlab

### Experience

Image Processing  
Computer Vision  
Machine Learning  
Game Development

### Environments

Unity  
Unreal Engine  
Android Studio  
Windows and Unix-like

## Education

### Bachelor of Science in Computer Science

UNC Charlotte

- Concentration in Intelligent Systems
- Minor in Business
- 3.5 GPA

## Relevant Employment

### Research Assistant

UNC Charlotte

Charlotte, NC

May 2016 – August 2016

- Developed a GPU-accelerated Particle Filter for use in tracking moving objects in video.
- Parallelizing for GPU significantly accelerated the task over conventional serial methods.
- Prototyping done in Matlab
- Final version built in C++ using the ArrayFire library.

## Other Employment

### Fireman, Electrician's Mate

United States Navy

Chicago, IL

Jan 2014 – Mar 2014

- Electrician's Mate in the Nuclear Field
- Left with a Medical Separation

### Manager

Pizza Hut

Winston-Salem, NC

Jan 2013 – Dec 2014

- Opening and closing operations.
- Customer Service

## Awards and Recognition

Eagle Scout—Boy Scouts of America

Second Place in Research Showcase—College of Computing, UNCC

Chancellors List and Deans List—College of Computing, UNCC