

Education

Millersville University (**3.95 GPA**)

August 2014 – May 2017 (expected graduation)

Computer Science Major, Mathematics Minor

- Summa Cum Laude, Dean's List, various Course Honors
- Conducted research on procedural generation

Recent Work Experience

Contract Work

Arduino Development, February 2017

- Programmed an Arduino UNO to generate fire animations on an LED grid for a Philadelphia escape room

Java Development, July 2015

- Created a Java Swing app providing an overlay tool for drawing geometry on any computer screen

Greenfish Labs, Inc.

App Developer, April 2016 – August 2016

- Managed our project by creating phases for features and assigning tasks to team members in diverse roles
- Responsible for the full-stack design of both the backend content distribution and frontend mobile app
- Utilized Swift and XCode to personally implement the iPhone version of the application

Cargas Systems, Inc.

Software Engineering Intern, May 2016 – August 2016

- Employed Windows command line scripts to migrate thousands of customer files onto new servers
- Created technical documents for various enterprise application workflows
- Applied SQL statements to generate customized reports and visualizations out of customer support data

Key Skills

Favorite Languages:

- Java
- Swift
- C/C++
- Python
- JavaScript
- Lisp
- Haskell
- C#

Areas of Interest:

- AR/VR
- Algorithm Design
- Computer Vision
- Data Structures
- Modeling
- Machine Learning
- Multi-Threading
- Parallel Programming

Conferences Attended

- REWORK Machine Intelligence Summit, 2017
- Game Developers Conference, 2016
- Nokia Developer Training, 2016
- Hackers on Planet Earth, 2016
- Disrupt NY, 2016

Competitions

ACM Mid-Atlantic Regionals

- 1st place at ACM Contest Site, 2016

PACISE Programming Contest

- 1st place, 2016
- 1st place, 2017

Organizations

Computer Science Club

- Treasurer, 2016-17
- President, 2015

Programming Team

- Team Leader, 2016-17
- Member, 2015

Student Senate

- Director of Membership, 2015
- Chief Justice, 2014