

Education

Bachelor of Science, Computer Science (February 2020)

Montclair State University
Montclair, NJ
3.0 GPA

Certifications

A+ Certification (900 Series)
CompTIA

Awards

Best Solo Hack
HawkHack
Montclair State University

Languages

- Java
- C#
- JavaScript
- jQuery
- CSS
- HTML
- Python
- SQL
- PHP
- Bootstrap
- R

Libraries/

Environments

- OpenCV
- JavaFX
- Unity Game Engine
- NetTerrain

Projects (Non-Academic)

VesselViewer

Java, JavaFX, OpenCV

- Analysis software application for digital ultra sound videos, Available for Windows & MacOS
- Open Source, expected to release under a Creative Commons type agreement
- Refactored speed and memory issues, resulting in a 100% increase in process speed and a max usage of 2 GB's in memory
- Approached with applied-mathematics solutions, used to calculate measures within videos

YeldorGrid

Java, JavaFX

- Cartesian based layout class for use in JavaFX
- Places nodes in a XY coordinate fashion with custom row, column, and cell size settings
- Applicable for applications, games, and anything users use with other grid layouts

yeldor.github.io

Bootstrap, jQuery, JavaScript, CSS, HTML

- Developer Website
- Implemented newer web technologies to showcase hyper-developing abilities

Experience

Student Java Developer

05/2019 – 09/2019

Montclair State University

- Developed an analysis software application for digitally-processed ultra sound videos
- Reported updates on a weekly basis to client describing major changes to the program
- Optimized storage and reduced speed issues within the program to apply to diverse budget computer systems
- Incorporated the Test-Driven Development software model to further production

Network Intern

01/2019 – 05/2019

Montclair State University

- Documented fiber connections and devices in data closets across campus & implemented them in a graphical network database
- Created a worker's manual booklet to standardize a methodology for future network interns; resulting in high efficiency and accuracy of recorded data
- Cross Referenced Data via excel sheets and the graphical network database to ensure integrity/consistency of all records

Helpdesk Technician

09/2016 – 10/2017

Montclair State University

- Supported clients with LDAP-based applications via walk-in/phone support
- Assisted in the mass migration of faculty & staff switching from a web-mail service to the Google Apps for Education platform Documented incidents via an online system for other staff members to view
- Performed malware detection & removal for campus associates