



Michael Carenzo

Computer Scientist

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About

I'm a self-motivated computer scientist with a passion for research and development. I aspire to create technologies that will have a lasting and meaningful impact on the world we live in. I love to live and develop on the cutting-edge as well as combine existing technologies in new and unique ways. I'm always ready to learn new things and am never afraid to step outside of my comfort zone.

Skills

Languages

Java C# C Python SQL
HTML CSS / SASS JavaScript / jQuery
PowerShell Batch Script

Software

Photoshop CS6 / CC Illustrator CS6 / CC
After Effects CS6 / CC Premiere CS6 / CC
JetBrains IntelliJ JetBrains PyCharm
Adobe Brackets GIT SVN

Frameworks

Django Spark Web Framework Node.js

Design

UI/UX Design Motion Design
Graphic Design

Certifications

Microsoft Technology Associate (MTA)

- Networking Fundamentals [98-366]
- Software Development Fundamentals [98-361]

Adobe Certified Associate (ASA)

- Visual Communications using Photoshop CS6

Objective

Interested in obtaining a co-op position in the field of Computer Science. Available Summer / Fall 2018.

Education

BS. Computer Science — Rochester Institute of Technology **2015 – Present**

- Courses: Parallel and Distributed Systems, Concepts of Computer Systems, Computer Science Theory, Principles of Data Management, Natural Language Processing
- Expected Graduation: Spring 2019

Projects

- Lead programmer and UI/UX engineer for a, web-based, video streaming service capable of recommending content best fit for its users. Developed UI/UX prototypes, worked with the team to design and implement the database, designed and developed the back-end as well as the entire front-end.
- Lead programmer and UI/UX engineer for a, web-based, medical practice management software. Developed UI/UX prototypes, designed and developed the software's admin console, statistics/logging page, profile pages, calendar and appointment system, and its comet-based, real-time, messaging system; back to front end.
- Developed a method for steganographically encoding files secretly into images and audio files in Java.
- Developed software capable of modeling Tupper's self-referential formula in Java.
- Designed and created a framework in NodeJS for the quick implementation of Slack and Discord bots.
- Developed a library in JavaScript allowing for the creation of clean, key-framed, web animations.

Experience

Freelance Tech Support and Web Development **2010 – Present**

Jr. Network Support Consultant — IT Solutions **Summer 2016**

- Developed internal software to collect and parse domain wide server statistics for our clients
- Cataloged all line of business applications in use by our clients
- Managed the distribution of anti-virus across all client domains

Communications Specialist Assistant — R.I.T. **Fall 2015 – Spring 2016**

- Maintained phone and network infrastructure
- Provided phone and network support

Director of Technology — La Salle College High School **Summer 2013 & 2014**

- Maintained and upgraded the network while improving network stability
- Integrated Microsoft Azure Services into network
- Researched and procured new core switch for the network
- Mapped and documented all computers, servers, switches, etc. on network
- Upgraded Cluster to Windows Server 2012 then again to 2012 R2

Teaching Assistant for Microsoft Certification Class **Summer 2014**

- Worked one-on-one with students to answer any questions they might have
- Helped prepare and grade class materials (tests, assignments, etc.)

Clubs & Activities

- New Media Club **2017 – Present**
- Philosophy Club **2014 – 2015**
- Lab Managers (School's IT Support) — Senior Leader **2010 – 2014**
- TechServ (Community Outreach Program) **2010 – 2014**
- WEXP (School Television Network) — Chief Engineer **2010 – 2014**