

Matthew D. O'Connor
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Education:

University at Buffalo, The State University of New York, Bachelor of Science, Computer Science, August 2015

Related Experience:

Developer, November 2015 - Present

MainStreet Computing, Buffalo, NY

- Develop Websites and Mobile Applications based on client needs and adapt specifications dynamically
- Work with development team on tasks assigned and collaborate to increase efficiency
- Utilize Ruby On Rails framework for Agile development
- Budget time to meet shifting customer and management demands
- Integrate Back-end and Front-end technologies

Engineering Intern, May 2011 – February 2012

AMPAC ISP (now Moog): 6686 Walmore Road, Niagara Falls, NY 14304

- Compiled and organized a data base of rocket engine component data to allow senior engineers to better understand and analyze performance parameters.
- Created graphs and charts of pertinent engineering data in order to analyze multiple hypotheses and assisted senior engineers with certain data mining activities.
- Collaborated with engineers and technicians while working effectively in a team based environment in order to achieve project goals.

Projects:

Home Computer Network: Winter 2015

- Created a home network, added new functionality and emulators to existing models.

Risk Game: Winter 2013

- Worked with a team of students to develop a game based on the board game Risk in Java.

Personal Website: 2016

- Created personal website using Rails to practice re-factoring and creating custom templates

Technical Skills:

Programming Languages: C++, Java, Python, SQL, Ruby, HTML, CSS, Javascript

Platforms: Windows, Linux/Unix

Other Technologies: Microsoft Office, Eclipse IDE, Rails, Git, Heroku

Relevant Coursework:

Digital Systems	Software Engineering	Computer Architecture	Theory of Computation
Database Concepts	Introduction to Algorithms	Data Structures	Hardware/Software Integration

Other Experience:

General Laborer May 2011 – March 2014

Secondary Services: 757 E. Ferry Street, Buffalo, NY 14211

- Worked in a team oriented environment with fellow employees in order to accomplish many tasks and projects.

General Laborer, Summer 2013, 2014

All Season Rental: 5085 Transit Road, East Amherst, NY 14051

- Moved furniture, erected structures, helped clean up the shop.

Honors/Achievements:

- Awarded Eagle Scout in Spring 2011