

MATTHEW SAUSNER

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ENTRY LEVEL POSITION IN A COMPUTER SCIENCE RELATED FIELD

Recent graduate of a highly ranked university seeking a challenging opportunity within a Computer Science related field in which to bring skill set, academic, and teamwork credentials to contribute to the growth of the organization and to build a professional career.

EDUCATION AND TECHNICAL SKILLS

BINGHAMTON UNIVERSITY, Binghamton, NY – June 2016
Bachelor of Science in Computer Science Minor in Mathematics

Proficient in C/C++
Experience with Python, Ruby/Rails, Java, HTML/CSS, JavaScript/jQuery, Prolog
Developed using SaaS Development, Agile Methodologies

Relevant Coursework:	Object Oriented Programming	Data Structures
	Robotics and Microcontrollers	Wireless Sensor Networks
	Programming Languages	Software Engineering
	Multimedia Systems and Design	Finite Automata

PROJECTS

Binghamton Bike Share – Ruby on Rails

Worked with a team of peers to develop a web service to support Binghamton University on-campus Bike Share. Specifically on MVC for bike look up and reservation, as well as collaboration on management of user accounts.

Minesweeper Clone – Python

Developed a functional clone of the common game Minesweeper. Clone included all major features of full game, including icons, sounds effects and map size selection.

A Star Search Algorithm – C

Implemented the A Star traversal algorithm to run on Lego Mindstorms. System was designed to solve a maze as quickly as possible given limited hardware; implementation of algorithm as efficiently as possible.

Project Euler – C++

Completed over 50 math-based puzzles designed to be solved using various coding techniques. Solutions most often based on existing mathematical theorems that were applied to large amounts of input.

WORK EXPERIENCE

Information Technology Technician, Darien Lake Park Resort, Darien, NY Summer 2014, 2015, 2016

- Daily maintenance of approx. 200 Point of Sale terminals, 100 PCs, including implementing software and hardware upgrades as well as maintaining documentation for all assets.
- Provided live support/troubleshooting for all park services, which include image/video capture systems, security monitoring, ticket verification, employee verification, and data security.
- Oversaw property wide upgrade from Windows XP to Windows 7.
- Training and supervising junior engineering and technical staff.

LEADERSHIP ACTIVITIES

President & Captain, Binghamton University Club Ultimate Frisbee Team, Binghamton, NY 2013 - 2016

- Act as liaison between team and university, maintain compliance with rules and regulations, oversee budget and facility requests, hold elections and recruit new members.

Member, Binghamton University Club Sports Rules Committee, Binghamton, NY 2014 - 2016

- Committed to the fairness and diversity of Binghamton University Club Sports.