Warren Partridge

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Objective

To gain experience working in a technical and professional environment for the summer of 2017.

Education

Boston University, Boston, MA
2016 - present

Bachelor of Arts candidate for Computer Science.

Expected graduation date: May 2020

Boston University Academy, Boston, MA
2012 - 2016

Completed AP level courses in mathematics, science, English, and history; as well as university courses at Boston University in computer science, biology, economics, and psychology.

Worked with thesis advisor Margo Seltzer, Herchel Smith Professor of Computer Science at Harvard University, on my senior thesis:
Automatically Scalable Computation: The Future of Parallelization Predicts the Future
(https://amzn.com/1533124043)

Boston University Computer Science coursework:

- CS 111: Introduction to Computer Science I
- CS 112: Introduction to Computer Science II
- CS 131: Combinatoric Structures
- CS 210: Computer Systems

Experience

Student Client Support Specialist at Boston University IT Help Center
Boston University, Boston, MA
September 2016 – present

Provide IT support to BU students and professors in person, over the phone, and through email.

Camp Counselor
U-Design, Boston, MA
July 2014 and July 2015 (Two weeks)

Collaborated with BU Engineering students to instruct roughly 40 middle school students about building and programming LEGO NXT robots. I specialized in teaching participants how to code in NXC.

Member of Entrepreneurial Development Program
Youth CITIES, Cambridge, MA
March 2015 – May 2015

Worked in the Cambridge Innovation Center alongside professional entrepreneurs to learn skills crucial for organizing a startup company, including product design, competitive analysis, leadership, networking, and public speaking.

Member of Computer Cyber Defense Program
US Cyber Patriot, Lexington, MA
September 2012 – December 2012

Worked in the MIT Lincoln Beaverworks Laboratory with a team of high school students to find and repair security vulnerabilities in sets of virtual images representing operating systems. Team “DoNut Hack Us,” placed 24th in the United States above over 1000 other participating teams from around the nation.

Skills

Proficient in Python, C, Java, GML, and IA32 assembly programming languages
Proficient in VirtualBox and VMWare virtual machine software
Familiar with computer hardware in desktop PCs and Raspberry Pis
Excellent communication skills

Projects

Built a "smart mirror" using a Raspberry Pi to drive an LCD monitor behind a two-way mirror. It runs widgets that display the weather, date and time, message of the day, etc.

Programmed a specialized alarm clock app for the iPhone that helps induce lucid dreaming.

Co-authored a multiplayer game based on the zero-gravity training sessions depicted in Orson Scott Card's "Ender's Game" book.

Researched, designed, and assembled a custom Windows PC that continues to be my main computer 5 years later. I named it “MARVIN.”