

Christopher Munroe

Computer Science Undergraduate
Middlesex Community College

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Employment History

SI, Middlesex Community College

Spring 2015 – Summer 2015

Student Instructor for Programming II. Tutoring topics including class construction, data abstraction, inheritance, polymorphism, and encapsulation using Java.

REU Intern, Robotics Lab UMass Lowell

Summer 2015

Researched human-robot interaction (HRI) with ROS on the Baxter robot. Programmed the robot to retrieve an object autonomously. Analyzed image data and point clouds with the OpenCV library and the Point Cloud Library (PCL).

(Poster describing our research: http://chrismunroe.pw/Baxter_Poster.pdf)

Skills

Languages

- C++ – Java - PHP – HTML/CSS – Javascript – SQL – Autohotkey

Libraries

- OpenCV – Point Cloud Library (PCL)

Tools/Software

- Vim – Netbeans – git – Dreamweaver – Eclipse – Dev-C++ - Cyberduck

Operating Systems

- Windows (XP, Vista, 7) – Linux (Ubuntu) - ROS

Educational Background

University of Massachusetts Lowell

Fall 2015 – Present

Studying for a Bachelor's Degree in Computer Science.

Middlesex Community College

2014 – 2015

Completed 35 credits of courses towards a Computer Science Transfer degree.

Related Courses: Programming II, Programming III, Data Structures

Honors: 4.0 cumulative GPA on a 4.0 scale

Merrimack High School, Merrimack, NH

2010 – 2014

Awarded High School Diploma

Projects

Chrismunroe.pw (<http://chrismunroe.pw>)

My personal website where I practice web development and showcase my projects.