

MAX ESPINOZA

<http://espinm2.github.io>

60 Brookdale Ave ◊ Milford, CT 06460

(203) · 464 · 6533 ◊ espinm2@rpi.edu

EDUCATION

Rensselaer Polytechnic Institute

Expected May 2018

PhD in Computer Science

Current GPA: 3.62

Fairfield University

May 2013

Bachelor of Science in Computer Science and Mathematics

Graduated GPA: 3.66

EXPERIENCE

Rensselaer Polytechnic Institute

September 2013 - Present

Lead Research Assistant (Advisor: Dr. Barbara Culter)

Troy, NY

- Developed a web based application to aid architects in the design of rooms with maximal daylighting
- Lead team meetings and oversaw the development of our daylighting web application.
- Researching architectural acoustics visualization and simulations to be incorporated into daylighting simulation framework

Pitney Bowes

May 2015 - August 2015

Software Engineer Intern (Supervisor: Ticia McGean)

Troy, NY

- Oversaw and coordinated project task and goals as Scrum Master with remote team in Noida, India for the 64bit release of MapInfo Professional 15.
- Familiarized with Agile Project Management and Atlassian Tools, including Jira, Crucible, and Confluence.
- Utilized Integrated Building System such as Teamcity in addition to SVN for version and revision control
- Implemented Coded UI Test for the automated testing of new features.

Fairfield University Business Plan Competition

February 2013 - May 2013

Lead Developer (Mentor: Joyce D. Brown)

Fairfield, CT

- Developed iPhone application to communicate through Bluetooth channels to Arduino microcontrollers.
- Used strong communication skills to find mentors and contacts in the field of project management, engineering, manufacturing, and business.
- Worked in a collaborative team project to develop a prototype consumer product along with a formal business plan and intention to patent

TECHNICAL STRENGTHS

Languages (Adept)

C++ and Java

Languages (Proficient)

Python, JavaScript, PHP, C#, Obj C, Spanish

Tools & Frameworks

OpenGL, WebGL, GLSL, Linux, Coded UI, Arduino

AWARDS

Computer Science Department Award

2013

Fairfield University Business Plan – Startup Day Winner

2013

Pi Mu Epsilon (National Honors Mathematics Society) Member

2012