

# MATTHEW IANNUCCI

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## OBJECTIVE

To pursue a career as an ocean engineer with a focus on computer systems and software development

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## EDUCATION

### University of Rhode Island

*Ocean Engineering major with a focus in systems and robotics*

*Expected May 2014*

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## WORK EXPERIENCE

### Undergraduate Research Assistant, Dr. Harold Vincent III, URI

*March 2013 - August 2013*

- Assist in a study conducted by the University of Rhode Island College of Environment and Life Sciences and Rhode Island Department of Energy to measure the acoustic impact of wind turbines
- Specifically, measurement and analysis of the sound of the turbines using various instruments and acoustic measurements
- Gaining important exposure to the work of an Ocean Engineer while working with acoustics and embedded systems.

### Server, Catarina's Italian Village Restaurant

*May 2008 - Present*

- Started in 2008 as a dishwasher and worked up to becoming a server
- Problem solved when unseen variables create issues (kitchen mistakes, spills, etc.)
- Interpersonal skills bolstered when interacting with customers and co-workers

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## PROJECTS

### Co-Captain, Software Developer, URI Autonomous Surface Vehicle Team

*December 2012 - Present*

- Member of the development team tasked with creating a completely autonomous boat that navigates a buoy course and performs various tasks
- Responsible for embedded software development, utilizing microcontrollers, and interfacing sensors.
- Gained practical C++ and Python experience and learned important software architecture design
- Competed at the 2013 AUVSI RoboBoat competition in Virginia Beach

### Principal, Surf for a Wish Surfing Competition

*April 2010*

- Created, organized and ran a surfing competition at Narragansett Town Beach to benefit the Make-A-Wish Foundation
- Raised over \$1,500 for the Make-A-Wish Foundation of Rhode Island

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## RELEVANT SKILLS

**Programming:** Python, C++, C, Java, Bash, Visual Basic, HTML, CSS, LCM, Matlab

**Operating Systems:** Windows, Mac OS X, Linux, UNIX

**Programs:** Matlab, Wolfram Mathematica, TinyCAD, SolidWorks, Microsoft Office, Adobe Creative Suite