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**OBJECTIVE:**

To pursue a career in the ocean engineering field with a focus on systems and robotics

**EDUCATION:**

**University of Rhode Island**

January 2011 - Present

- Ocean Engineering undergraduate student
- Focus on systems and robotics

**Narragansett High School**

Graduated June 2010

- National Honor Society

**WORK EXPERIENCE:**

**University of Rhode Island, Doctor Harold T. Vincent II.**

February 2013 - Present

*Undergraduate Research Assistant*

- 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.

**Catarina's Italian Village**

May 2008 - Present

*Server*

- 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

**PROJECTS:**

**URI Autonomous Surface Vehicle Team**

Spring 2013 - Present

*Computer Engineer/Software Developer*

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

**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

**SKILLS:**

- Practical C++/C, Python, Java, and UNIX experience (Proficient + Real world experience)
- Experience working with object-oriented programming languages
- Experience With MATLAB, SolidWorks, and Wolfram Mathematica
- Familiar with Adobe Creative Suite (Illustrator, Acrobat, Photoshop), and HTML/CSS
- Proficient in Microsoft Word, Excel, and PowerPoint programs

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*Professional and Personal References Available Upon Request*