

# JOHN D CORRIGAN

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## OBJECTIVE

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An ocean instrumentation position focusing on the development of Autonomous Underwater vehicles (AUVs).

## EDUCATION

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### **University of Rhode Island, Ocean Engineering Program**

Kingston, RI

*B.S. Ocean Engineering expected December 2005*

- Awarded centennial scholarship for academic achievement

## WORK EXPERIENCE

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### **Partnership on Ocean Instrumentation**

Narragansett, RI

summer 2005

*Engineering Intern/Project Leader*

- Led team of interns in the development of two deep ocean instrumentation transports.
- Designed and developed mechanical components and electrical components.
- Assisted in development of a passive acoustical tracking system

### **University of Rhode Island**

Kingston, RI

2003-2004

*Undergraduate Teaching Assistant*

- Assisted head T.A. in two classes OCE215 & OCE216
- Led students in construction of autonomous underwater vehicles

### **84 High Street Catering Co.**

Westerly, RI

2002-2005

*Bartender*

- Utilized excellent interpersonal skills in customer service
- Supervised catered events with staffs of three individuals

### **American Biophysics**

East Greenwich, RI

summer 2002

*Engineering Intern*

- Assisted in construction of timelines for new product development
- Worked with Technical Service Department on repair of malfunctioning units
- Compiled failure mode data for returned units

## ENGINEERING PROJECTS

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### **Member of the URI Autonomous Underwater Vehicle Team**

2004

- Constructed an AUV to compete in the 2004 AUVSI competition placed 4<sup>th</sup> out of 18 prestigious schools

### **Captain of the URI Autonomous Underwater Vehicle Team**

2005

- Designing and Implementing an Acoustic Tracking System and an Optical Tracking System
- Coordinating team effort to construct and ready vehicle for competition in August 2005
- Designing and Implementing an active ballast system

### **Senior Capstone Project: Design of docking sensor system for a Deep-Sea AUV**

2004-2005

- Developed a quadrature sampling ultra short base line acoustics array