

PATRICK S. WALTERS

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OBJECTIVE

Gain employment working with unmanned systems where I can apply both my passion and experiences.

EDUCATION

August 2007-Present 92 Credit Hours	University of Florida GPA 3.64	Gainesville, FL
Degrees:	B.S. Mechanical Engineering M.S. Mechanical Engineering	Expected Graduation 2011 Expected Graduation 2012
Technical Electives:	EEL 3701 Digital Logic and Computer Systems EEL 4744 Microprocessors	
8/2005-5/2007 54 Credit Hours	Gulf Coast Community College GPA 3.91	Panama City, FL

EXPERIENCES

August 2008-Pesent	Machine Intelligence Laboratory	Gainesville, FL
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Team Leader: Subjugator

- SubjuGator is a autonomous underwater vehicle developed at the University of Florida
- Proficient in using Pro Engineering and Solidworks CAD software
- Experience programming and operating computer numeric controlled milling machines
- Designed and manufactured o-ring seals, self-contained battery containers, modular battery trays, and blind mating electronics trays

May-August 2008	General Dynamics	Panama City, FL
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Mechanical Engineering Intern

- Learned to apply design specifications and work within the defense contractor dynamic
- Designed undersea head-up display housing using Solid Edge V18 CAD Software
- Learned to work with engineers of multiple disciplines in order to develop a complete system

August-May 2007	UF Material Science Department	Gainesville, FL
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Laboratory Intern

- Applied scientific method and chemistry principles
- Researched interactions between calcium carbonate and transport medium for use in mining
- Gained exposure to common laboratory equipment, procedures, and safety

June-August 2007 June-August 2006	Naval Surface Warfare Center	Panama City, FL
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Mechanical Engineering Intern

- Mechanical design and fabrication using Solid Edge V18 CAD Software
- Test planning, data collection, trade analysis, and technical reporting on experimental dive equipment and night vision systems
- Familiarity with environmental and hyperbaric testing
- Familiarity with a Government research and development laboratory, its facilities and processes