

NATHANIEL HATHAWAY TAYLOR

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EDUCATION

CONNECTICUT COLLEGE, New London, CT, USA **BA Physics May 2009**
Minors: Computer Science, Mathematics **Overall GPA: 3.1**
Relevant Courses: Robotics, AI, Data Structures, Quantum, Modern and Classical Physics, Electromagnetism
Hydrology, Environmental Modeling, Mathematics for Physical Sciences, Photoshop
UNIVERSITY OF AUCKLAND, Auckland, New Zealand **Spring Semester 2008**
Relevant Courses: Mechanics of Materials, Principles of Marine Science, Sustaining the Environment

SKILLS SUMMARY

Programming: JAVA, Python, PHP, MySQL, HTML, CSS, JS. · Software: Adobe Creative Suite, Microsoft Office (esp. Excel) · Website design, development, and management · Accomplished leader in youth sports education, student government, and athletics · Skilled in creating unique creative solutions to problems

LEADERSHIP EXPERIENCE

Connecticut College Class of 2009, New London, CT **Academic Year 08-09**
Vice President • Budgeted and produced accurate records of all class finances
Marblehead High School Class of 2009, Marblehead, MA **Academic Years 01-05**
4-Yr President • Ran class fundraisers and events; instrumental in getting open-campus for Seniors
Connecticut College Varsity Sailing, New London, CT **Fall 2005 – Spring 2009**
2-Yr Captain and Varsity Skipper • Lead the team to successful several seasons (10th ranked nationally in Spring 2009)
• Served as intermediary between coach and team, and addressed individual problems
• Balanced wind, waves and physics, evaluated risk and made real time decisions
Connecticut College Robotics Department, New London, CT **Academic Year 08-09**
Teaching Assistant • Help students with programming logic (in BASIC) and with physical construction of robots

WORK AND FIELD EXPERIENCE

Pearse Street Incorporated, Lynn, MA **January 2008 & 2009**
Web Development Intern • Coded in mostly HTML/CSS with some JS/AJAX/PHP
• Worked directly with customers to develop custom projects from the ground up
• Implemented Existing Designs with extensive use of Photoshop/Illustrator
New England Interscholastic Sailing Association, New England Area **Fall 2008 - Present**
Webmaster • Managed site and email updates to members with frequent site maintenance ~5,000hits/mo
• Coded and updated 2009 ISCA [Semifinals](#) website, which received almost 7,000 visits
Jim Taylor Yacht Designs, Marblehead, MA **December 2007 & January 2009**
Webmaster and developer • Built a dynamic, elegant, and usable website from scratch that fit the company's style
• Implemented an administration interface for the owner focused on features and usability
• Increased traffic and search engine visibility, as well as maintained and updated site
New London Homeless Hospitality Center, New London, CT **Spring 2009**
Student • Designed a web application for NLHHC to manage inventory in their thrift shop
• Focused on usability for possibly computer illiterate users and for ease of use
• Deployed the HFOSS project on-site for future use by the NLHHC
Pleon Yacht Club, Marblehead, MA **Spring 2002 to Fall 2007**
2-yr Commodore and Webmaster • Served as the chief executive officer of the Pleon Yacht Club, the oldest Junior Yacht Club in the United States and managed the membership of 200 youths
• Guided members, managed finances, planned social events, and counseled members
• Developed a professional website layout to impress potential donors for new Club House
• Kept the site current for the ~1,000 monthly visitors and posted content appealing to youths
Friends of the Taylor Wildlife Preserve and Taylor's Lane Organic Produce, Riverton, NJ **Tri-Annually**
Wildlife Refuge Volunteer and • Maintained a 96-Acre Wildlife Refuge home to deer, beaver, blue heron and bald eagles
• Worked at a small scale organic produce farm, selling to local vendors and neighbors