

Conor McManamon

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Objective

To get a rewarding internship that utilizes my leadership skills, computer proficiency, interest in world affairs, and unique ability to problem solve.

Experience

NASA Goddard Space Flight Internship

[Summer of 2012]

Designed MATLAB programs for spacecraft attitude adjustments and configurations. Built database of Automated Rendezvous and Docking technologies, learned orbital determination mathematics, and attended multiple engineering seminars and presentations.

DNA Comparison Project

[November 2012-May 2013]

Partnered with Johns Hopkins to research *Landoltia punctata*. Extracted and sequenced DNA in order to compare conserved regions within different unknown species.

Crew Leader of Philmont Expedition

[Summer of 2011]

Philmont, New Mexico is a Boy Scout reservation, where I acted as crew leader of 9 boys for 9 days. Determined where to camp, where to navigate, kept us at pace, and dealt with medical issues/other problems.

Tutoring Service

[2007 to 2011]

Ran and organized a math tutoring service with several clients.

Education

South River High School

[2009-2013]

Placed within Science, Technology, Engineering, and Mathematics magnet school. Was provided with access to unique classes such as Systems Science (Biology, Physics, and Chemistry), Problem Based Learning, and Earth and Space. Graduated top 5% of the class.

Summer Bridges

[2009-2013]

Created presentations on the biological make up of the Chesapeake Bay with samples collected by a self designed Underwater Remotely Operated Vehicle. Also made visit to Costa Rica to learn about its climate, speak Spanish, and collect biological information on bats.

Skills

- Highly proficient with Microsoft Office Programs (Excel, Word, PowerPoint), as well as Java, Visual Basic, and MatLab programming
- Presented scientific findings dozens of times to large and small groups
- Received varsity letter from Sailing Team, played lacrosse and ran Cross Country