

SEAN EDWARDS

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PROFICIENCIES:

- Object Oriented Programming (C++, C#, Python, PHP, Java)
- Embedded scripting languages (Python, Lua, Ruby)
- Windows, Linux administration
- 3D Graphics
- Embedded programming for robotics (C, PBasic)
- Database design (MySQL, Oracle)
- Network and Computer Security
- Web Development

ACTIVITIES

UNIVERSITY OF MAINE CYBERSECURITY TEAM

University of Maine, Orono, ME

- Member of UMaine's NECCDC competition team for 2010 (second place).
- Participated in attacking team for UMaine's 400-level cybersecurity class.
- Team captain for the 2010-2011 academic year.

US FIRST ROBOTICS PROGRAM

Gorham High School, Gorham, ME

- 4 years of robotics programming experience in C.
- Wrote code for user-controlled and autonomous robot operation.
- Lead student programming team for 3 years.

WORK EXPERIENCE

SOFTWARE INTERN

DeLorme Publishing, Yarmouth, ME, May 2010 – Present

- Worked with end users in the data entry department to build new features for XMapEdit 7.
- Designed and implemented new API features for DeLorme's GIS library.
- Worked as a full-time member of the XMap team, closing numerous bug reports and feature requests.

TECHNOLOGY MANAGER

Student Government, University of Maine, April 2010 – January 2011

- Responsible for acquisition and disposal of all student government technology assets.
- Adviser for Student Government staff on technology issues.
- Undergraduate student representative to the IT Advisory Council.

PROJECTS ENGINEER

Helical Solutions, Gorham, ME, November 2008 – August 2009

- Built automated reports on manufacturing data, saving hours per week of manual data entry.
- Designed and implemented a system for automated printing of shipment packing lists.
- Built and configured a new web server and website for the company.
- Set up an automated backup solution for the company's web and business servers.

EDUCATION

B.A. Computer Science

University of Maine,
Orono, ME

In Progress
Exp. Graduation: June 2014