

EDWARD R. ROPPLE III

44 Highland Shores Rd.

Casco, ME 04015

Tel: 207-712-4499

E-mail: ed@edropple.com

- Education: **UNIVERSITY OF MAINE** *Orono, ME*
College of Liberal Arts and Sciences
Bachelor of Arts in Computer Science, May 2010
Current GPA: 3.32 of 4.00
- Competition Liaison, University of Maine Cybersecurity Team (placed 2nd of 9 in the Northeast)
 - Member, Association for Computing Machinery - University of Maine chapter
- Experience: **DIGITAL DESIGN OF NEW ENGLAND (Web Consulting Firm)** *Orono, ME*
2007-2009 **Founder and Lead Developer**
- Paid for 60% of undergraduate tuition through the operation of a consulting and design firm.
 - Developed a Drupal-based web platform for a U.S. Congressional candidate, featuring social network integration (Twitter, Facebook, Picasa) and constituent relationship management systems.
 - Worked in conjunction with a subcontracted web designer to build an internationalized web presence for a collegiate admissions advisory service, including e-commerce functionality and employee workflow tools.
 - Subcontracted development work to rotating group of 4 developers.
- 2008 **GOOGLE, INC.** *Telecommute/Waltham, MA*
Summer of Code Developer: The Mono Project (second year in program)
- Designed and presented plans for a Summer of Code project: developing preliminary Visual Studio integration of the Mono Framework (an open source, cross-platform implementation of Microsoft's .NET Framework).
 - Learned C# in three weeks and leveraged the Visual Studio SDK to successfully complete the project during the Summer of Code schedule, under the supervision of Mono Project staffers employed by Novell, Inc.
 - At summer's end, system was capable of locally testing .NET applications under Mono from within Visual Studio and remotely test both .NET applications and ASP.NET websites on Linux/OS X test servers.
 - Results of the project served as a prototype for Novell's Mono Tools for Visual Studio project.
- 2008-2009 **UNIVERSITY OF MAINE STUDENT GOVERNMENT, INC.** *Orono, ME*
Webmaster and Technology Director
- Designed, in conjunction with UMaine Student Government stakeholders, and developed a Drupal-based website for public information dissemination and paperless tracking of student senate resolutions and other documents, reducing processing time for resolutions by 50%.
 - Deployed ticketing system for user issues that reduced issue handling time by 30%, entirely eliminated missed issues, and provided greater transparency and accountability throughout the issue handling process.
 - Managed 20 end-user computers using Windows XP/Vista/7, Ubuntu Linux, and Mac OS X 10.5, including user policy, network security, and endpoint virus/malware protection.
- Skills:
- Operating Systems: Windows, Windows Server, Linux, Solaris, OS X (Advanced competency)
 - Object-Oriented Programming: C#, Java, C++ (7 years, Advanced competency: 6 major personal projects, used in 4 classes, 3 projects for clients)
 - Functional Programming: Scheme, F# (4 years, Intermediate competency: used primarily in 2 classes)
 - Systems Programming: C, x86 Assembly (3 years, Intermediate competency: used primarily in 2 classes)
 - Web Development: PHP, Python, ASP.NET MVC (6 years, Advanced competency: 10 projects for clients)
 - Databases: MySQL, PostgreSQL (5 years, Intermediate competency: 10 projects for clients)
- Interests: Electronic Music Production and Performance, Baseball, Hockey, Independent Game Development