

Patrick Dignan

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Objective:

Obtain a full-time position doing challenging open-source software development that benefits users

Education:

Worcester Polytechnic Institute, Worcester MA
Bachelor's of Computer Science
Worcester Academy, Worcester MA

September 2007 - May 2011

September 2003 - May 2007

Open Source Work

Fedora Engineering Services, Fedora 2010 - Present
Handle high-level service tickets assigned by the Fedora Engineering Steering Committee
Fedora Package Maintainer, Fedora 2009 - Present
Maintain Fedora jpcap and nautilus-python packages, which allow for easy installation and updates of these pieces of software
Independent Project, Rhythmbox Extension 2009 - Present
Allows smartphones and other networked devices to control media playback from a remote computer
Lead Developer, Bancraft Project 2006-2009
Managed 12 developers in the creation of a networked, database-backed Java application which replaced legacy software with a faster, more stable, and more user friendly cross-platform program

Skills:

- **Languages:** Java, Python, C, C++, PHP, Javascript, Objective-C, Perl, Vala
- **Linux Software Package Maintenance:** RPM and .deb packaging
- **Operating Systems:** Windows, Linux, OS X, OpenBSD, Packet Filer, and OpenSolaris
- **Frameworks/Environments:** Eclipse, vim, Cocoa, mootools, GTK/GObject, PyGTK
- **Selected Coursework:** Object-Oriented Design, Compiler Design, Software Engineering, Operating Systems, Computer Networks 1 and 2, Software Security Engineering, Embedded Systems, Advanced Logic Design, Social Implications of Information Processing, Microeconomics
- **Additional Languages:** reads German and Spanish

Experience

Intern, Dell Inc, Austin TX Summer 2010
Work included implementing: thin provisioning threshold warnings in the Linux kernel, Dell-specific extensions to the libvirt library, and automatic downloading of metadata in the openSUSE Buildservice software
Programmer, Solstice Technologies, Worcester MA January 2010 - May 2010
Integrated 3rd party enterprise software systems for clients seeking business process management
IT Administrator, Metals Processing Institute, WPI, Worcester MA Summer 2009
Created a centralized system for documentation of business processes and information storage which significantly reduced the costs associated with training of new employees and physical storage space. My work also enhanced collaboration between research institutes.

Academic Projects:

WPI Suite April 2009 - May 2009
Worked in a team of 8 peers to design a project management system in Java
Higgins Armory Augmented Reality Project September 2009 - May 2010
Created an immersive augmented reality experience where users interact with historical artifacts from the Armory.