Luke Rymarz

Senior Software Engineer

San Jose, CA
(408) 636-6230
GitHub/verysmallrock
LukeRymarz@gmail.com
www.LukeRymarz.com

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18 years experience designing and developing applications in HTML/JavaScript/CSS, Flex/ActionScript/Flash, C/C++, C#, and Java.

Passionate about video games and photography.

Hobby applications include a website using machine learning to find similar Spotify songs, an Arduino-based fermentation chamber controller, a Stack Overflow clone, and a Dungeons and Dragons character builder.

Experience

Senior Software Engineer, Full Stack Developer   March 2010 – Present

Adobe Systems, Inc.   www.adobe.com   San Jose, CA

- Full stack developer on the lightroom.adobe.com web development team. Technologies used include Node.js, React, Serverless, HTML, CSS, JavaScript, CoffeeScript, Ruby on Rails, nginx and Amazon Web Services.
- Experience with Agile (Scrum) and Lean (Kanban) software development methodologies.
- Mentored college hires and interns on the team.
- Advocate for fun – weekly board games, Halloween costume-contest winner, party-cocktail designer, and general team gluer-together-er.
- Published two patents relating to photography organization algorithms and machine learning.
- Comfortable developing software in local and remote teams.
- Developed Extension Builder, an Eclipse-based IDE for building Creative Suite Extensions.

Software Engineer   August 2004 – March 2010

Harmonic, Inc. (previously Omneon)   www.harmonicinc.com   San Jose, CA

- Independently designed and developed various Omneon products in accordance with marketing and engineering requirements, including
  - ProBrowse Desktop (C++ with MFC and DirectShow), a PostgreSQL database driven video explorer and player.
  - EDLTool (C++ with MFC & DirectShow), a complimentary application to ProBrowse Desktop allowing cuts-only video editing of videos.
  - ContentManager (C#), an application which adds administrative capabilities to Omneon MediaGrid using remote procedure calls and interaction with Active Directory domain controllers.
- Maintained and extended MediaTools, a broad array of C++/MFC applications.
- Other experience includes: InstallShield, CVS, Subversion, Mercurial, FTP, HTML, CSS, Cygwin, Perl, PHP, Apache, JavaScript, QuickTime, GIMP, Adobe Photoshop, Adobe Illustrator, Flash/Flex Builder, Flash Catalyst, Flash Professional.

Education

Bachelor of Science, Computer Science   August 2001 – May 2004

Washington State University   Pullman, WA

Hobbies

Photography, Video Games, Fermentation and Kitchen Chemistry, Gardening, Rock Climbing, Single Malt Scotch, Soap-making, Homebrewing