

TED PIOTROWSKI

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FRONT END WEB DEVELOPER

Professional Profile

- Full stack web developer specializing in front-end development for desktop and mobile.
- Skilled in the latest web technologies: HTML5, CSS3, Web Storage, Geo Location, Audio, Video
- Versed in modern Javascript: jQuery, jQuery UI, Underscore, templating and MVC design patterns
- Experienced in a startup environment, entrepreneurial and proven to deliver with minimal oversight

Skills

Languages: HTML4/5, XHTML, CSS2/3, Javascript (jQuery, JSRender), PHP, Python, C#
Protocols: HTTP, TCP, UDP, IP, FTP, SSH, Telnet
Systems: Windows 7, OSX, UNIX, GNU/Linux (Ubuntu)
Server stack: Apache, Nginx, LAMP
Applications: Adobe Photoshop, Visual Studio, Mercurial, Git
Databases: MySQL

Employment

GENERAL UI (Startup) – Seattle, WA [2009 – 2012]

Independent Contractor

- Took complete ownership of assigned projects from creating an estimate to delivering a finished product
- Developed a browser based kiosk for a major retail chain, an interactive quiz game for start ups, web based implementations of native iOS apps, geographic data visualization using Google Maps API
- Ported an existing iOS app to Windows Phone 7

JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS LABORATORY – Laurel, MD [2006]

Student Intern

- Tasked with improving data throughput between Mars spacecraft and Earth
- Created a Linux test-bed to simulate interplanetary communication over internet protocols such as UDP
- One of four students awarded a stipend from the Wisconsin Space Grant Consortium

50 BELOW - Duluth, MN [2003, 2004]

Website Builder

- Converted Photoshop mockups into W3C standards compliant templates using semantic HTML and CSS
- Delivered pixel perfect precision across all major browsers
- Created exciting visual effects using Adobe Flash and interactive online experiences with Javascript

Entrepreneurship

SAC ALERTS

[2009 – Present]

sacalerts.com

- Created a secure, reliable and scalable user authentication system used by 6,000 users
- Dispatched over 3,000,000 email/SMS alerts to notify users of ongoing sales (4,000 per day)
- Drove three million clicks and over \$600,000 in sales revenue to advertising affiliates
- Technologies used: PHP, MySQL, HTML, CSS, Javascript, JSON, C++, C#, LAMP stack, Nginx, Postfix

SAC Alerts is a free service that crawls the internet for discounted outdoor gear and alerts users through SMS and/or email when items they are interested in go on sale. SAC Alerts includes JSON web services, Google Chrome browser extensions, a mobile website and a Windows Phone 7 application.

BUDDYTRACKER

[2003 – Shutdown in 2009]

buddytracker.us

- Designed, architected and scaled this web service to handle over one million hits per day
- Using a viral marketing approach, reached close to two million users at no cost
- Claimed 8,000th place on Alexa.com's most visited sites on the internet (2006)
- Technologies used: PHP, MySQL, HTML, CSS, Javascript, LAMP stack

Created during my second year of college, Buddytracker was a profile guest book utility for AOL Instant Messenger. I developed Buddytracker while going to school full time, maintaining a GPA of 3.96, and actively working on a research publication. Due to incompatibilities with new versions of AOL software, Buddytracker.us was shut down in 2009.

Education

UNIVERSITY OF WISCONSIN – Madison, Wisconsin

Bachelor of Science – Computer Sciences (with distinction)

- Cumulative GPA of 3.96 out of 4.0
- named to Dean's List 7 times

Publications

ACM SIGMETRICS 2006 – Accepted and presented as poster

Peer-to-peer Streaming of Stored Media: The Indirect Approach – T. Piotrowski, S. Banerjee, S. Bhatnagar, S. Ganguly, and R. Izmailov

Manuscripts available at <http://tedpiotrowski.com/pubs>