

Michal Krupa
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(650) 796-6863

Summary

I am highly capable of taking a project through a rigorous design-to-deployment cycle, or contributing my abilities to any technical application. I enjoy working on interface as well as data-related applications, as my strengths relate to technical road mapping as well as development of user-oriented products.

Experience

HCI Research Assistant at University of Illinois at Urbana-Champaign | March 2014-Present

Human-Computer Interaction UX developer working on the "Dietary Control System".

Developing web-based software that can allow users to visualize the nutrition of foods by comparing them against each other on a two-dimensional plot.

The plot is based on the fiber content and protein content per calorie of the food that is pulled from the USDA supertracker database.

Director of Technical Operations at InCaptus, Inc. | March 2013-Present

Architecting different systems on the infrastructural as well as consumer tools levels

Working with the Engineering Director to align company goals

Meeting with potential clients and collaborating with existing clients to expand product offerings

Platform Engineer at SitesByHand.com | August 2013-December 2013

Managing a team of five engineers across several time zones, serving as lead architect for a RoR-based CRM tailored specifically to our company's needs

Set up a deployment infrastructure built on Amazon Elastic Beanstalk as well as several other platform environments for testing and staging

Maintained best-practices and technical documentation

Worked directly with the CEO on project direction, composing technical strategy, and running the integration of APIs into our engine, from tasks like payment processing to email systems

Engineering Intern at Trulia.com | June 2013 - August 2013

I worked with the consumer web engineering team to develop and maintain existing and new systems and applications. I worked primarily in OOP JavaScript and PHP, heading a project to rewrite the code behind the local pages section of the site. I also worked on mobile optimizations, and rewrote the service's mobile site into a lightweight Node.js application that earned us the 2nd place prize in our company's quarterly hack-a-thon.

Web R&D Intern at WolframAlpha; Wolfram Research | November 2012 – February 2013

Worked on WolframAlpha feature development and debugging the main platform, as well as extending the administrative tools used by the WolframAlpha monitoring platform.

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Co-founder at Womp.in | August 2011 – December 2013

Womp provides an intuitive way to discover, listen, and share the best music on the Internet. I headed the development team with the goal of creating a product that powers the ultimate personal music experience.

Developer at Cureus | February 2012 - October 2012

Cureus.com disrupts traditional peer-reviewed medical publishing by letting authors retain copyright, eliminating politics, expediting the publishing process and doing it all at no cost.

Languages

Polish | English | Spanish (Limited working proficiency)

Education

University of Illinois: Urbana-Champaign | B.A. in Computer Science (Expected, 2016)

Activities and Societies: Sailing Club, Zagloba Polish Club

Freestyle Academy of Arts | 2011 - 2012

Music, Film, Website, and Digital Image Production

Mountain View High School | 2008 – 2012

Activities and Societies: MVHS Oracle, Freestyle Academy, Hip Hop and Poetry Club, Science Olympiad

Skills & Expertise

Applications/OS | Amazon, Linux, Windows, Mac, Eclipse, Google Analytics, Adobe CS Suite, Git, MySQL Server Manager, Microsoft Office, Google AdWords/Ad Manager, MailChimp, Sublime Text 2/3

Cloud Deployment | Amazon Web Services (AWS), Heroku

JavaScript/Unobtrusive | AJAX, jQuery, jQuery UI, Facebook API, YouTube API, Soundcloud API

Languages & Scripting | Ruby/on Rails, SQL (MySQL, PostgreSQL), PHP, C++, Java, Selenium, Node.JS

Interests

technology, operating systems, GUI, philanthropy, cosmology, food, research, history, design, architecture, UX