

Rebecca G. Bettencourt

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Email for further
contact information.

Career Objective

Using my talents, experience, and creativity to enhance the customer experience of both end users and software developers.

Education

Graduated **cum laude** in **December 2009** with a B.S. in **Software Engineering** at **Cal Poly San Luis Obispo**.

Currently pursuing an M.S. in Computer Science at San Francisco State University.

Computer Skills

Programming languages and APIs: Java, PHP, JavaScript, Perl, C, Objective C, Cocoa, Cocoa Touch, 65C02 Assembly.

Web design: Facebook Platform, CGI scripting, PHP, JSP, ASP, AJAX, HTML, Apache, MySQL, MS-SQL.

Operating systems: Mac OS X, Mac OS Classic, Unix/Linux, Windows, MS-DOS.

Applications: Adobe Creative Suite (Photoshop, Illustrator, InDesign, Flash), Microsoft Office, iLife, iWork.

Academic Projects

SchedIt: Worked with a team of students developing a Web 2.0-based, small business-oriented task management system for Intuit as part of Cal Poly's Software Engineering Capstone Sequence.

Self-Directed Projects

OpenXION: Built a complete parser and interpreter for a context-sensitive scripting language based on HyperTalk.

Included support for modular expansion and object-oriented programming. Available on Google Code here:

<http://code.google.com/p/openxion/>

Kreative PowerPoint: Designed and implemented an extensive and expandable painting and drawing application.

Available on Google Code here: <http://code.google.com/p/powerpaint/>

My'file: Developed a Facebook application to serve as a drop-in replacement for Facebook's limited Info tab, in order to facilitate self-expression and resolve problems faced by a marginalized community because of limited influence and availability of other options.

Resplendence: Engineered an extensible editor framework to enable simplified software development processes.

Kreative PowerKalendar: Implemented a personal productivity tool to organize responsibilities and facilitate time management.

MCCM III: Developed a database client program to manage material related to my works of fiction and present the material in an accessible manner.

Work & Volunteer Experience

Information Technology volunteer; Napa Valley College; July 7, 2010 – December 18, 2010

- Installed and repaired computer equipment in an environment consisting of Windows servers, both Windows and Mac workstations, and various multifunction printers.
- Developed custom software solutions for presenting information on lab computers and automating inventory control and class administration processes.

Java developer intern; Experts Exchange, LLC; August 3, 2009 – November 20, 2009

- Developed and debugged new features for a professional, subscription-based web service.
- Successfully crafted CSS workarounds to allow new features to display correctly on all major browsers.
- Navigated and extended a large code base consisting of thousands of files of Java, JSP, HTML, and CSS.

Software engineering intern; Apple, Inc.; June 23, 2008 – January 19, 2009

- Automated tasks involved in documentation localization processes to increase efficiency and reduce turnaround time.
- Developed tools to analyze and validate XML content for administrative and diagnostic purposes.

Teaching assistant; Cal Poly San Luis Obispo; Winter 2008; Spring 2006

- Encouraged well-organized software design practices by interactively assisting students to approach a given problem space.
- Provided visual explanations to streamline understanding of complex problem statements.

Digital Portfolio available at: <http://www.kreativekorp.com/personal/portfolio>