

# ROBERT GUTIERREZ

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## Full-Stack Web Developer



robert@ragutierrez.com



linkedin.com/in/rgutierrez1014



ragutierrez.com

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I am a creative, collaborative web developer with strong user empathy. I have over five years of professional experience building web applications and tools to empower colleagues and customers to do their best work.

## SKILLS

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Python, PHP, Ruby, HTML, CSS, Javascript, d3, Bootstrap, WordPress, MySQL, Jenkins, Google Cloud Platform, Google App Engine, Amazon Web Services, Vagrant, Automated Testing, Github, Agile, Linux

## AWARDS

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- MVP award from Chico State Game Studios for outstanding work ethic and dedication
- Awarded National Science Foundation scholarship

## EXPERIENCE

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### Web Developer | Carnegie Foundation for the Advancement of Teaching

*Stanford, CA | August 2014 - present*

- Developed multiple web applications utilizing Python, Ruby, and PHP. Designed frontend interfaces with Bootstrap and jQuery.
- Wrote unit tests and system tests to simulate real user activity using RSpec and Capybara
- Created RESTful APIs that utilized GET/POST variables, form-encoded data, and JSON, to allow our web applications to interface with one another in a universal manner
- Designed data models for relational databases and non-relational databases, as well as Salesforce
- Generated reports from multiple data sources and utilized the d3.js library for data visualization
- Administered applications on Google Cloud Platform and Amazon Web Services
- Managed work using Agile practices. Conducted sprint planning and retrospective sessions. Customized and organized Jira to facilitate both development and design tasks.
- Created release schedule and used Jenkins to automate our deployments
- Collaborated on job descriptions and conducting interviews, ultimately hiring two new team members
- Provided support to students and faculty through our helpdesk, wrote guides to assist in solving common problems
- Wrote training manuals and facilitated staff training sessions for using Salesforce and our other web applications
- Created documentation for internal processes, as well as for team norms and priorities, to streamline team onboarding and guide our work for the coming fiscal year

### Web Developer | Signature Services

*Chico, CA | May 2013 - February 2014*

- Updated company's website, reorganizing files and fixing bugs
- Maintained static and Drupal websites
- Troubleshooted software and hardware issues on both office computers and servers
- Streamlined internal processes by writing an administrative backend for staff to use

## EXPERIENCE (CONT.)

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### **Programmer | Chico State Game Studios**

*Chico, CA | 2012 - 2013*

- Implemented combat, gameplay, progression, and UI systems
- Fixed bugs and reiterated on systems based on team lead and producer feedback
- Implemented assets from other team members such as animations, sounds, UI elements, and models
- Developed roadmap and created deadlines
- Held weekly meetings to discuss progress and update roadmap when necessary

### **Web Developer | California State University, Chico**

*Chico, CA | 2009 - 2010*

- Developed web pages for existing sites using PHP and ASP. Modified themes and plugins for Wordpress and Joomla! sites.
- Created and maintained MySQL and MSSQL databases
- Wrote complex queries and views for common data requests
- Troubleshooted software and hardware issues on both office computers and servers

### **Intern/Freelance Web Developer | Association of International Product Marketing and Management**

*Carson City, NV | 2007 - 2014*

- Designed graphics for conference materials using Photoshop
- Provisioned and maintained several Wordpress sites, utilizing a common design and theme for each one
- Utilized APIs from Zoho CRM, Invision Power Board, and aMember to integrate external services into existing website
- Provided on-site A/V set up for conferences and workshops

## EDUCATION

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### **California State University, Chico**

B.A. Communication Design

Minor in Video Game Design