

Pete Corey

810 Village Dr. #1103, San Marcos, CA 92078

petecorey@gmail.com

(530) 204-7277

Education:

California Polytechnic State University, San Luis Obispo

Bachelor of Engineering: December 2010

Major: Computer Science (Major GPA: 3.0)

Work Experience:

Amazon, San Luis Obispo, CA - Software Development Engineer

4/2012 – 7/2013

CreateSpace

- Worked on multiple teams developing new features for, and maintaining CreateSpace.com (Java, Spring, MS SQL, Javascript, Prototype, JQuery, CSS)
- On a team of 2, significantly reduced database load by redesigning the Admin dashboard back-end using a SOLR based solution
- Personally redesigned and implemented new Admin dashboard front-end
- Worked directly with product owners to gather requirements, give project updates and coordinate product releases
- Drove to maintain complete back-end jUnit code coverage, and wrote automated front-end test cases using Selenium
- Worked extensively with the in-house bug tracker doing ticket triage and resolving issues

Kindle Direct Publishing

- Worked with a small team of engineers to develop new features for kdp.amazon.com using SCRUM methodologies
- Acted as a manager for two student developers

CDM Technologies/Tapestry Solutions, San Luis Obispo, CA

3/2010 – 4/2012

Software Developer

- Worked with a team of 6 developers to build pieces of a massive shipping and logistics software suite using Actionscript, Flex and Java
- Individually owned and built an OpenStreetMap based location lookup internet application
- Worked closely with software testers to identify and resolve bugs and defects

Student Software Developer

- Developed and helped design Flex and Actionscript based front-ends.
- Designed, implemented and maintained Java, BlazeDS and SOAP based web services and servlets
- Maintained Ant scripts and Maven configuration files to facilitate project builds

Cigital, Inc. Sterling, CA

6/2009 – 8/2009

Intern Security Consultant and Penetration Tester

- Configured and carried out automated black box security tests on web applications and services
- Developed vulnerability proof of concepts based on scan results
- Scheduled, organized and carried out conference calls with clients to discuss and demonstrate results
- Helped a wide range of people with varying levels of technical expertise understand the technical details and business impact behind various vulnerabilities

Educational Experience & Personal Projects:

- Clojure/Clojurescript based Mandelbrot renderer and analyzer (2013)
- Created a GPU based Mandelbrot and Julia set viewer using C, OpenGL and GLSL (2010)
- Designed and implemented two iterations of an augmented reality based model viewer using C, ARToolkit, Python and the Studierstube framework (2009)