

Elias Michael Zamaria

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Experience

Software engineer, Smarking; San Francisco, CA – 2017

- Implemented and owned feature to inform parking operators about competitors' prices and notify them about changes via email.
- Improved user experience of charts and pages, including major improvements to loading and rendering performance.

Software engineer, Google; Mountain View, CA – 2015 - 2016

- Conducted user interface experiments for device setup and new account flows for Android devices. Collected and analyzed user behavior data for tens of millions of users, which was used to make various user interface features.
- Improved accessibility, performance, and flexibility of Android device setup flows.

Front-end software engineer, Forio; San Francisco, CA – 2013

Tested, debugged, and added features to business simulations used by organizations including Harvard Business School and Rio Tinto.

Senior software engineer, Good Technology (formerly AppCentral); San Francisco, CA – 2011 - 2013

Served as the primary engineer for building iOS and Android mobile applications and cross-browser web applications for organizations including Pepsi, Mitsubishi, Honeywell, and Amgen. Major accomplishments include:

- Mobile application development. Redesigned and refactored the mobile app used for AppCentral's custom enterprise app stores to accomplish the following:
 - Added new features including ratings, reviews, pagination of search results, PayPal payments, and screenshot display.
 - Refactored core application using jQuery Mobile to improve stability and performance.
 - Fixed many bugs including performance issues and race conditions.
- Web admin development:
 - Added several features to admin interface including ratings and reviews.
 - Optimized admin interface to speed up loading and rendering.
 - Fixed hundreds of bugs including cross-site scripting vulnerabilities and browser compatibility bugs.
 - Added web storefront interface to allow end users to perform the same functions as the mobile app using a desktop browser.

- Other responsibilities:
 - Reviewed, modified, and fixed code developed by offshore engineers.
 - Reviewed, refactored, and tuned existing HTML, JavaScript, and Groovy code.

Software engineer, Adteractive; San Francisco, CA – 2008 - 2010

Was a key member of the team that built the insurance lead generation vertical from 0 to \$600,000 GP per year within a span of 9 months. Performed the following key functions:

- Application developer
 - Maintained and enhanced the lead-generation portal application for the insurance vertical.
 - Was part of a team that used the OpenX open source ad server to build an exchange for the social gaming sector.
 - Engineered and built the quiz/survey/poll offerings for Adteractive.
- Web developer
 - Designed several lead-generation portals and websites for the insurance vertical.
- Integration engineer
 - Functioned as integration engineer for the insurance vertical performing lead-generation integrations for around 10 to 15 insurance lead-aggregators.
 - Maintained and documented the integration spec for Adteractive's insurance lead-aggregation (host and post) solution.

Web developer, VillaAdriatic.com / MontenegroTours.com; Chicago, IL – 2005 - 2007

Designed, developed, and launched web site. Managed and maintained pages and database using tools such as PHP, PEAR DB, and MySQL.

Education

University of Illinois at Chicago (UIC), Chicago, IL – Bachelor of Science in Electrical Engineering, 2007

Skills

Proficiency in Python, JavaScript, HTML5, CSS3, SQL, Java, and PHP. Experience with Subversion, Mercurial, and Git version-control systems. Over 18 years of experience with computer hardware upgrades and repairs. Familiarity with Adobe Photoshop, and other software packages.