

Ben Augarten

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github.com/baugarten

benaugarten.com

Objective

- Work part time during the school year at a small company using new technology and achieving high impact on real problems

Education

- University of California, Berkeley Expected Graduation May 2013
 - B.S. Electrical Engineering and Computer Science
 - GPA: 3.75
 - Coursework: Agile Development, Databases and Big Data, Artificial Intelligence and Machine Learning, Linear Algebra, Discrete Mathematics and Intractable Problems
- Attended Google Android Camp 2011: an all-expenses paid trip to Google's Mountain View campus to learn how to program android apps from Google engineers

Research and Work Experience

- **Google Inc** May 2012-August 2012
Software Engineering Intern
 - Worked on the backend of Google payments on Vendor Integrations Team making an internal tool to audit incoming files.
 - Independently designed and launched the tool into Google's production environment
- **Domestic Nuclear Threat Security Initiative** September 2011-present
Research and Software Engineering Intern
 - Helped develop an object-oriented, parallel, and multi-platform framework for implementing nuclear detector software for visualizing nuclear sources and preventing nuclear threats in real time using C++ and Qt
- **Lawrence Hall of Science** January 2011-August 2011
Software Engineer
 - Lead development of LightGrapher, software that graphs data coming from a light bulb in real time
 - Developed a Java application to analyze and filter digital images based on RGB channels
 - Helped worked on an interface to remotely control a planetarium projector's motion from a touchscreen input source using NightShade.

Involvement

- Currently working on a web app using Django, Backbone, Mustache, and requireJS
- Developed Moustache Madness for Android, an app to drag and drop mustaches onto pictures of your friends and share them (currently available on Google play)
- Member, Pi Kappa Alpha, Social Fraternity

Skills

- Languages: C/C++, Java, Python, Ruby, Javascript
- Frameworks/Tools: Django, Rails, Backbone, RequireJS, App Engine, Qt, LaTeX, svn, git
- Fluent in Spanish