Brett Jurgens

297 Plum Drive • Marlboro, NJ 07746
(732) 858-1540 • brett@brettjurgens.com • brettjurgens (GitHub)

Work Experience

- **Uncorkd, Inc.**   **Chicago, IL**
  Software Development Intern − http://www.uncorkd.biz   *June-August 2013*
    – Gained experience with CodeIgniter (PHP), Javascript, D3.js, and CSS
    – Redesigned the company logo and instituted a site-wide design change with a modern design language
    – Built an "analytics dashboard" with visualization powered by D3.js
    – Built a web version of the company's mobile app
    – Actively tested and fixed bugs throughout the site

- **Gift Finder, Inc.**   **New York, NY**
  Software Development Intern − http://www.giftfinder.com   *June-August 2012*
    – Gained experience with CakePHP, CoffeeScript, Ruby on Rails, and Sass
    – Worked with mockups made in Adobe Illustrator to build the website's front-end

Project Experience

CS 465 Final Project
We developed a mobile application which allows a user to crowdsource decisions and gather feedback from friends by sending them a picture. Users are able to view the results in an easy to understand manner.

CS 498STK Final Project
For our final project we developed a mobile website to allow a user to create a "trip," invite other users and collect location data on the way. Users can also send each other realtime messages and share their trip online after its completion.

Chambana Bus *http://www.chambanabus.com*
Website which allows the user to plan trips, find closest stops (using HTML5 Geolocation), and more for the local bus service.

MovieAggregator *http://www.movieaggregator.com*
Hackathon project to aggregate data from 6 different movie-focused websites, including IMDB, Amazon, Rotten Tomatoes, iTunes, TheMovieDB, and Netflix. Displays important details about the user-requested film, computed rating, and its availability to stream on Netflix or buy on iTunes and Amazon.

BatchDefine *http://www.batchdefine.com*
Website created in High School to allow a user to input a list of words and receive the definitions in an organized, save-able, and exportable list. It makes use of Dictionary.com's API to gather the definitions and Facebook's Open-Graph API to share actions to Facebook.

Education

- **University of Illinois at Urbana-Champaign**   **Urbana, IL**
  College of Engineering, B.S. Computer Science   *August 2011 − May 2015 (expected)*
    – Organizations:
        - Pi Kappa Phi Fraternity
          Historian Elected position on the Executive Council in charge of Alumni and Parental Relations.
          Standards Board Justice Responsible for upholding the standards of the organization.
        - IEEE
        - ACM
    – Relevant Courses:
      Introduction to Computer Science, Discrete Structures, Data Structures and Programming Principles, Computer Architecture, Systems Programming, The Art and Science of Web Programming, Theory of Computation, User Interface Design

Skills and Interests

Languages: C/C++, CSS/Sass, HTML/Haml, Java, Javascript/CoffeeScript, LaTeX, MySQL, PHP, Python, Ruby
Services: Amazon Web Service, Google App Engine, Heroku
Frameworks Libraries: Android SDK, CakePHP, CodeIgniter, Facebook SDK, Flask, jQuery, Ruby on Rails, Sinatra, webapp2
Graphic Design: Adobe Illustrator, Adobe Photoshop, UI & Web Design
Interests: Android, Databases, Human Computer Interaction & User Interface Design, Web Applications