Brett Jurgens

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Education

University of Illinois at Urbana-Champaign Champaign, IL
Computer Science, BS May 2015
- IEEE Member
- ACM Member
- Pi Kappa Phi Fraternity

Colts Neck High School June 2011
- National Honor Society
- Math Honor Society
- American Mathematics Competition School Winner
- Commended in the 2010 National Merit Scholarship Competition

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Project Experience

Chambana Bus (http://chambanabus.com) Jan. 2012 – Present
A mobile website for Champaign-Urbana MTD bus riders
- Allows the user to plan trips, find close stops, and more
- Uses HTML5 Geolocation, jQuery, and JSON to run

Batch Define (http://batchdefine.com) Feb. 2011 – Present
Learned jQuery and developed a web-app in two weeks
- Allows a user to input multiple words and receive the definitions in an organized, savable, and exportable list
- Uses the Dictionary.com API to receive the definitions and other information
- Uses OpenGraph and the Facebook API to share actions to Facebook

Facebook Hackathon (http://movieaggregator.com) September 2011
Developed full-fledged web-app in less than 24 hours
- Used AJAX to aggregate data from 6 different sites, including IMDB, Amazon, Rotten Tomatoes, iTunes, TheMovieDB, and Netflix
- Created an organized UI to display important details about the user-requested movie and its available to stream or rent on Netflix or buy on iTunes and Amazon

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Technical Skills

Computers
- Experience with jQuery, HTML, CSS, PHP, Java, MySQL and MATLAB
- Experienced in AJAX and interfacing with APIs using XML/JSON
- Enrolled in CS173 (Discrete Structures)

Graphic Design
- Experience using Adobe Photoshop for UI design
- Experienced in UI and Web Design

Electronics/Robotics
- Experience in the design and programming of Vex robots using C++
- Experience with soldering