

# Brett Jurgens

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## Work Experience

- **Avant, Inc.** **Chicago, IL**  
*June 2015-Present*  
*Software Engineer*
    - Built real-time dashboard with Cisco Phone System
    - Refactored frontend to use React and Typescript
    - Instrumental in SOA rewrite of the CRM product
  - **University of Illinois at Urbana-Champaign** **Urbana, IL**  
*August 2014-May 2015*  
*CS242 Moderator*
    - Responsible for leading discussion sections, giving suggestions, and grading students
  - **Thrillist Media Group** **New York, NY**  
*June-August 2014*  
*Software Development Intern – <http://www.thrillistmediagroup.com>*
    - Gained experience with CakePHP and Javascript
    - Worked on all three company properties (Jackthreads, Supercompressor, & Thrillist)
    - Implemented new features and bug fixes, improving user experience and reliability
    - Worked on the frontend and user acquisition system
  - **Uncorkd, Inc.** **Chicago, IL**  
*June-August 2013*  
*Software Development Intern – <http://www.uncorkd.biz>*
    - 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
  - **Gift Finder, Inc.** **New York, NY**  
*June-August 2012*  
*Software Development Intern – <http://www.giftfinder.com>*
    - Gained experience with CakePHP, CoffeeScript, Ruby on Rails, and Sass
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## Project Experience

**UIUC Professors** <https://github.com/brettjurgens/uiuc-professors>

Website that allows students to see which courses a certain professor teaches. It uses a custom scraper to scrape the University's API to get all course information and store it in a database.

**Pi Kappa Phi Illinois Chapter** <http://www.illinipikapp.com>

Website for the Chapter of Pi Kappa Phi Fraternity. This website makes use of the Sinatra Framework (Ruby), Sass, Haml, and MongoDB. It displays static content and allows for online donations using Stripe or Paypal.

**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.

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## Education

- **University of Illinois at Urbana-Champaign** **Urbana, IL**  
*August 2011 – May 2015*  
*College of Engineering, B.S. Computer Science*
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## Skills and Interests

**Languages:** C/C++, CSS/Sass, HTML/Haml, Java, Javascript,  $\LaTeX$ , Python, Ruby, TypeScript

**Frameworks & Libraries:** Express, GraphQL, React, Redux

**Graphic Design:** Adobe Illustrator, Adobe Photoshop

**Interests:** Frontend Engineering, Human Computer Interaction & User Interface Design, Web Applications