

Brett Jurgens

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Work Experience

- **Avant, Inc.** **Chicago, IL**
Senior Software Engineer *February 2017-Present*
Software Engineer *June 2015-February 2017*
 - Refactored frontend to use GraphQL, React and Typescript
 - Rewrote CRM Product into a separate service
 - Lead Developer on CRM and Partners Applications
 - Lead Developer of Cisco Phone System Interaction
 - **University of Illinois at Urbana-Champaign** **Urbana, IL**
CS242 Moderator *August 2014-May 2015*
 - Responsible for leading discussion sections, giving suggestions, and grading students
 - **Thrillist Media Group** **New York, NY**
Software Development Intern – <http://www.thrillistmediagroup.com> *June-August 2014*
 - 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**
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
 - **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
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Project Experience

GraphQL Active Record <https://github.com/brettjurgens/graphql-active-record>
Ruby Gem to provide eager loading to models accessed by GraphQL.

gql2ts <https://github.com/avantcredit/gql2ts>

Tool to convert a GraphQL schema into TypeScript Interfaces. Useful for maintaining typesafety throughout an application.

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.

Education

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