Brett Jurgens

1735 W. Diversey Pkwy. • Apt 315 • Chicago, IL 60614
(908) 907-4235 • brett@brettjurgens.com • brettjurgens (GitHub)

Work Experience

- **Avant, Inc.** *https://avant.com*   **Chicago, IL**
  Senior Software Engineer   *February 2017-Present*
  Software Engineer   *June 2015-February 2017*
    – Implemented a GraphQL API on the Ruby on Rails application
    – Refactored frontend to use GraphQL, React and Typescript
    – Rewrote CRM Product into a separate service
    – Developed a framework for workflows using AWS Lambda and Serverless
    – Lead Developer on CRM and Partners Applications
    – Lead Frontend Developer on Customer Applications

- **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
    – 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

- **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

Project Experience

gql2ts *https://github.com/avantcredit/gql2ts*
Tool to convert a GraphQL schema into TypeScript Interfaces. Useful for maintaining typesafety throughout an application.

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

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*

Skills and Interests

Languages: C/C++, CSS/Sass, HTML/Haml, Java, Javascript (ESNext), LaTeX, Python, Ruby, TypeScript
Frameworks & Libraries: Apollo, Babel, Express, GraphQL, Node.JS, PostCSS, React, Redux, Serverless, Webpack
Interests: Frontend Engineering, Human Computer Interaction & User Interface Design, Web Applications