

# Jonathan Ahrens

## Software Engineer

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## Projects

- **Reask:** Realtime web-app for use in classrooms that aggregates students questions giving teachers better insight into relevant topics to answer in class. Used **Node.js + Express.js + React.js + Socket.io + PostgreSQL**.  
<http://re-ask.herokuapp.com/>
- **Bus Stop Crowdsourcing:** Web application that allows users to contribute to a crowdsourced map of bus-stops that is much simpler than municipal maps. Used **Node.js + Express.js + Browser Geolocation + Google Maps API + PSQL**.  
<https://cs-busstop.herokuapp.com/>
- **iParkMyself:** Web application that serves as a digital parking meter system using **Node.js + Express.js + React.js + Google Maps API + PostgreSQL**.  
<http://iparkmyself.herokuapp.com/>
- **Youtube video syncer:** Application that allows two users to watch a youtube video at the same time by synchronizing times and actions via **Sockets.io + Node.js + Express.js**.
- **Grace Hopper Slack Bot:** Contributed to a Slackbot that allows students to queue up with TA's and manages what instructor helps them out. **Node.js + Slackbot + MongoDB**.  
<https://github.com/teikmeout/gracehopper>

## Experience

### Software Engineer, *Techolution*.

New York, NY. November 2018- present

- Develop reusable, responsive front-end UI components (Tabbed windows with state permanence through query-parameters, Row data displays, async drop down menus) in Angular and Typescript with Angular Material and SCSS.

### Software Engineer, *J.Crew*.

New York, NY. June 2018- October 2018

- Develop reusable, responsive front-end UI components (Accordions, Carousels, Modals) in Server Side Rendered React (Next.js) + SCSS for major e-commerce website.
- Contributed to an internal storybook artifactory package that is reused in legacy codebases as well as currently updated ones (Gulp, Babel, Postcss).

### Web Developer, *General Assembly*.

New York, NY. March 2018 - June 2018.

- Developed an internal tool for General Assembly based on React + Express + WebSockets + JWT Token security.
- Participated in the design and production of said web application with an Agile Team.

### Instructional Associate + Teaching Assistant , *General Assembly*.

New York, NY. (Oct 2017 - Apr 2018), (Jan 2017 - Oct 2017) respectively.

- Designed and taught lectures relevant to the Web Development Curriculum at General Assembly ranging from basic Javascript to Ruby on Rails, React and webpack, mentored students, and provided classroom support for the Instructional Team.
- Maintained and curated SQL Lessons for beginners bootcamp, providing a deployed Amazon RDS database.
- Contributed to a SlackBot Grace-Hopper, used as a queueing system for the TA.

## Education

- *General Assembly*, New York, NY - Web Development Immersive, 2016