

# BRADFORD T. WARE

552 Centennial Olympic Park Drive NW, Atlanta, GA 30313 • bwarenohs@gmail.com • 706-247-9651

## EDUCATION

**Georgia Institute of Technology, Atlanta, GA**

*Aug 2011 – Present*

- Candidate for Bachelor of Science in Computer Science (Expected Graduation December 2016)
- GPA: 3.70/4.0
- Dean's List, Faculty Honors

## EXPERIENCE

**Facebook, Software Engineering Intern, Menlo Park, CA**

*May 2016 – Aug 2016*

- Worked as a full stack engineer for the News Feed team, building new features for www and mobile
- Used Hack/PHP, XHP, JavaScript, CSS, and Mercurial to build the front end components
- Won *Most Shippable Feature* award during the Facebook hackathon

**MailChimp, Software Engineering Intern, Atlanta, GA**

*Jan 2016 – May 2016*

- Worked as a back end engineer building data pipeline applications to support the core infrastructure of MailChimp's data using technologies such as Java, Scala, Kafka, Akka Streams, Thrift, and Redis
- Built a stream processing consumer off the pipeline to cache data mapping relationships for the analytics team
- Developed another application to dump the current state of MySQL tables into Kafka topics using Thrift structs

**Redfin, Software Engineering Intern, Seattle, WA**

*May 2015 – Aug 2015*

- Built a data importer pipeline that stores real estate properties into AWS's S3 and Redshift. The pipeline was a fault-tolerant distributed system that updated its state and stored it in a PostgreSQL database
- Used Java to create the pipeline and Hibernate as the ORM communicating with the database
- Won *Redfin's* summer hackathon by helping redesign the page layout for every home, which is being shipped into production

**Salesforce, Software Engineering Intern, Atlanta, GA**

*Jan 2015 – May 2015*

- Worked as a full stack engineer on the newly released nurture web application Engagement Studio
- Used Ember.js as the front end framework, D3.js for the graphing visuals, and ember-cli to build and manage the application
- Implemented the server-side architecture for the workflow automation engine in Java and PHP

**Apple, Software Engineering Intern, Cupertino, CA**

*May 2014 – Aug 2014*

- Developed a web application named iConfigurator using the MEAN (MongoDB, Express, AngularJS, and Node.js) stack
- Created the server-side architecture and refined the data schema to maximize query optimization with MongoDB
- Joined the web services through a RESTful API supported by Node.js and the Express framework for routing
- Worked with the design team to completely reinvent the user experience and implemented it through AngularJS

## PROJECTS

**VotingViz – votingviz.com, Atlanta, GA**

*Feb 2016 – May 2016*

- A data visualization dashboard to present the 2016 Presidential Primary results of each state
- Used D3.js, jQuery, Bootstrap, Bower, TopoJSON, and responsive design principles to build the web application

**Twitter Data Pipelines, Atlanta, GA**

*Feb 2016 – Mar 2016*

- Built a reactive data pipelining application using Scala to stream live tweets about MailChimp. Each phase of the pipeline transformed the raw JSON tweet into a simpler data object for storage leveraging Kryo serialization
- Used technologies such as Reactive Kafka, Twitter API, Thrift, and Akka Streams

## SKILLS

**Languages:** Java, JavaScript, Hack/PHP, Scala, Python, Swift

**Web:** Node.js, D3.js, Ember.js, Express.js, XHP, HTML, CSS, jQuery, NPM, Bower, Ember-CLI, RESTful APIs, UX Design

**Backend:** MySQL/PostgreSQL, Redis, MongoDB, Hibernate, Kafka, Akka Streams, Thrift, Kryo Serialization, OOP

## CIVIC AND CAMPUS INVOLVEMENT

**Google Games Atlanta**

*April 2015*

- Placed 3<sup>rd</sup> in the Google Games Atlanta competition. Consisted of programming challenges, mathematical puzzles, and general problem solving

**Georgia Tech Startup Semester**

*Aug 2014 – Dec 2014*

- Cofounded a technology company that provided brick and mortar retailers with customer traffic insights into their competitors' stores
- One of five teams chosen to participate in the accelerator startup program

## GITHUB

[github.com/bradware](https://github.com/bradware)

## WEBSITE

[bradware.com](http://bradware.com)

## LINKEDIN

[linkedin.com/in/bradware](https://www.linkedin.com/in/bradware)