

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

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 where it dynamically created Thrift structs from the MySQL rows using Kryo serialization and data packing

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
- Drafted a technical spec of the application documenting the technologies, class design, and user interface

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 at Apple to completely reinvent the user experience. Implemented the new interface for iConfigurator using AngularJS, which effectively synchronized data binding between the model and view

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, Scala, Python, PHP, Swift

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

Backend: MySQL/PostgreSQL, Redis, MongoDB, Hibernate, Kafka, Akka Streams, Thrift, Object-Oriented Programming

CIVIC AND CAMPUS INVOLVEMENT

Google Games Atlanta

April 2015

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

Georgia Tech Startup Semester

Aug 2014 – Dec 2014

- Co-founded 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

WEBSITE

bradware.com

LINKEDIN

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