

# BRADFORD T. WARE

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## EDUCATION

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

*Aug 2011 – Present*

- Candidate for Bachelor of Science in Computer Science (Expected Graduation December 2016)
- GPA: 3.68/4.0
- Dean's List, Faculty Honors

## EXPERIENCE

**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
- Guice was utilized for dependency injection throughout the architecture. Unit tests were written for every step of the pipeline
- 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 developer on the newly released nurture application Engagement Studio
- Used Ember.js as the frontend 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 as the driver 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

**Web App – D3/Ember, Atlanta, GA**

*Mar 2015 – May 2015*

- Integrated the D3.js graphing library into an Ember.js application by injecting each graph as components

**Product Management – Recipe Website, Atlanta, GA**

*Oct 2014 – Dec 2014*

- Served as the lead PM for 8 developers where we built a blogging website of our favorite recipes
- Created mockups for implementation and pitched the design to my professor and the rest of the class

**Applied AI – Raven's Progressive Matrices, Atlanta, GA**

*Aug 2014 – Dec 2014*

- Designed an artificial agent to solve the human intelligence test formerly known as Raven's Progressive Matrices
- My agent used numerous knowledge representations and heuristics including semantic networks, case-based reasoning, and classification. It could parse visual and propositional input

## SKILLS

**Languages:** Java, JavaScript, PHP, Python, Swift, C

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

**Backend:** SQL, MongoDB, Hibernate, Mongoose, Distributed Systems, Database Architecture Design, Object-Oriented Programming

**Professional:** Technical and Analytical Presentations, Cross-team Collaboration, Customer Service

## 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*

- 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

**Summer Leadership Project**

*May 2012 – July 2012*

- A Christian summer retreat that focused on spiritual growth and leadership skills. Worked as a bellhop at the Holiday Inn

## 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)