

# 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 May 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)