BRADFORD T. WARE

770 Techwood Drive NW, Atlanta, GA 30313 • bware8@gatech.edu • 706-247-9651

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 pipeline that stored real-estate properties into AWS's S3 and Redshift. The pipeline was a fault-tolerant distributed system that updated it's processing status and logged it in a PostgreSQL database
- Used Java to create the pipeline and Hibernate to persist DAO's to each table. Unit tests were written to cover every function of the workflow
- Won *Redfin*'s summer hackathon by helping redesign the layout of every home's page, 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 program Engagement Studio
- Used Ember.js as the frontend framework, D3.js for the graphing visuals, and ember-cli to build and manage the application
- On the server-side I wrote the logic 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 including refining the data model schema to maximize query optimization with a Document-Oriented database
- Worked with the design team at *Apple* to completely reinvent the user experience. Implemented the new interface for iConfigurator using the AngularJS framework that synchronized data binding between the model and view
- Joined the web services through a RESTful API supported by Node.js as the driver and the Express framework for routing

PROJECTS

Web App – D3/Ember.js, *Atlanta, GA*   *Mar 2015 - May 2015*
- Integrated the D3 graphing library into an Ember.js application by injecting each graph as components

Applied AI – Raven's Progressive Matrices, *Atlanta, GA*   *Jan 2014 - April 2014*
- Designed an 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 interpret visual and propositional representations

Applied AI – Pacman, *Atlanta, GA*   *Jan 2014 - April 2014*
- Designed a pacman agent to solve numerous mazes through search techniques such as DFS, A*, Dijkstras, Particle Filtering, and Markov Decision Processes

SKILLS

Languages: Java, JavaScript, PHP, Python, Swift, C
Web: Node.js, Ember.js, AngularJS, Express.js, HTML, CSS, jQuery, NPM, Bower, Ember-CLI, RESTful API's, UX Design
Backend: Distributed Systems, Database Architecture Design, Hibernate, SQL, MongoDB, Mongoose, Object-Oriented Programming
Professional: Technical and Analytical Presentations, Cross-team Collaboration, Customer Service

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 retail stores 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 40 hours a week as well as attending conferences and meetings daily

GITHUB	WEBSITE	LINKEDIN
github.com/bradware	*bradfordware.com*	*linkedin.com/in/bradfordware*