

Louis A. Williams

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OBJECTIVE	To obtain an computer science internship, including distributed systems, full-stack web development, and artificial intelligence.	
EDUCATION	B.S., <i>Computer Science, Honors Program</i> Georgia Institute of Technology, <i>Atlanta, GA</i> Study Abroad, <i>Barcelona, Spain</i> Current GPA: 3.90	Fall 2013 - Spring 2017 Summer 2014
WORK EXPERIENCE	BazaarVoice <i>Software Engineering Intern</i> <ul style="list-style-type: none">Implemented a query engine that uses PrestoDB to query terabytes of data in the Parquet file format. This involved transforming and analyzing data using Spark and Hadoop.Developed and open-sourced a Gradle plugin, <i>s3repo-gradle-plugin</i> to publish files to a Yum repo stored in Amazon S3.	Austin, TX Summer 2015
	Urjanet <i>Software Engineering Intern</i> <ul style="list-style-type: none">Developed software to test automated data extraction from energy utility bills.	Atlanta, GA Spring 2015
	Space Systems Design Labs <i>Flight Software Lead</i> <ul style="list-style-type: none">Manage a small team of undergraduates to develop and release the Flight Software for the PROX-1 CubeSat satellite mission.Develop software in C that manages flight operations between telemetry collection and ground communication	Georgia Tech Spring 2014 - Current
	Institute for Computing Education <i>Student Assistant</i> <ul style="list-style-type: none">Lead and assisted workshops on LEGO NXT, Alice, Scratch, and robotics for elementary through high school students.	Georgia Tech Spring 2013 - Fall 2014
ACTIVITIES & LEADERSHIP	Epic Intentions, <i>President</i> <ul style="list-style-type: none">Lead a student organization that partners with non-profits in Atlanta to solve technical service-oriented design projects.	Fall 2015
	Epic Intentions, <i>Member</i> <ul style="list-style-type: none">Worked with the non-profit Urban Perform to find a geographic relationship between food deserts and “fitness deserts” in Atlanta.	Fall 2014 - Spring 2015
	Library Advisory Board, <i>Member</i> <ul style="list-style-type: none">Co-authored a white paper proposing how to recreate the experience of browsing through book stacks via a website platform, for when the library moves all books off-campus.	Spring 2015 - Current
RELEVANT PROJECTS	QueueUp: queueup.io (<i>Node.js, Android</i>) <ul style="list-style-type: none">A collaborative playlist streaming service. Anybody can create a playlist, use Spotify to stream from QueueUp, and invite friends to contribute in real time.	
	Oahu: oahujs.com (<i>Node.js</i>) <ul style="list-style-type: none">Distributed computing system that allows developers to solve problems using the idle time of web browsersCalHacks Fall 2014: Top 10, Best Web Hack, and Best use of MongoDB	
	Github: github.com/louiswilliams	
SKILLS	Languages: <i>Java, JavaScript, C, HTML5, CSS3, Ruby, PHP, MySQL</i> Platforms & Frameworks: <i>Node.js, Android, Linux, Rails, jQuery, Cassandra, Spark, Hadoop</i> Relevant Coursework: <i>Machine Learning, Algorithms & Design, Systems and Networks, Objects and Design, Data Structures & Algorithms, Computer Organization & Programming</i> Foreign Languages: <i>Spanish (intermediate)</i>	