Louis A. Williams

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OBJECTIVE

To obtain an internship in a field of computer science, including distributed systems, full-stack web development, and artificial intelligence.

EDUCATION

Bachelor of Science, *Computer Science, Honors Program*
Georgia Institute of Technology, *Atlanta, GA*   Fall 2013 - Spring 2017
Study Abroad, *Barcelona, Spain*   Summer 2014
Current GPA: 3.90

WORK EXPERIENCE

Urjanet, Atlanta, GA   Spring 2015
Software Engineering Intern
- Developed software to test automated data extraction from energy utility bills.

Space Systems Design Labs, Georgia Tech   Spring 2014 - Current
Flight Software Lead
- Manage a team of undergraduates to develop and release the Flight Sofware for the PROX-1 CubeSat satellite mission, scheduled to launch in the Summer of 2016.

Institute for Computing Education, Georgia Tech   Spring 2013 - Fall 2014
Student Assistant
- Lead and assisted with workshops on LEGO NXT, Alice, Scratch, and robotics for elementary trough high school students.

ACTIVITIES & LEADERSHIP

Epic Intentions, *President*   Fall 2015
- Lead a student organization that partners with non-profits in Atlanta to solve technical service-oriented design projects.

Epic Intentions, *Member*   Fall 2014 - Spring 2015
- Worked with the non-profit Urban Perform to find a geographic relationship between food deserts and "fitness deserts" in Atlanta.

Library Advisory Board, *Member*   Spring 2015 - Current
- 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.

Humanitech, *Student Consultant*   Spring 2014
- Volunteered with a geocaching and mapping nonprofit project in Atlanta to develop a website for managing users and mapping coordinates

RELEVANT PROJECTS

QueueUp: *qup.louiswilliams.org* (*Node.js*)
- 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* (*Node.js*)
- Distributed computing system that allows developers to solve problems using the idle time of web browsers
- CalHacks Fall 2014: Top 10, Best Web Hack, and Best use of MongoDB

All Projects & Code: *louiswilliams.org*

SKILLS

Languages: *Java, Javascript, C, C++, HTML5, CSS3, Ruby, PHP, MySQL*
Platforms: *Node.js, Android, Linux Servers, Ruby on Rails, jQuery, Wordpress*

Relevant Coursework: *Machine Learning, Algorithms & Design, Systems and Networks, Objects and Design, Data Structures & Algorithms, Computer Organization & Programming, Object Oriented Programming*

Foreign Languages: *Spanish (intermediate)*