Louis A. Williams

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OBJECTIVE

To obtain an internship in the field of computer science. Specific areas include information security, web development, database management, and artificial intelligence.

EDUCATION

Bachelor of Science, Computer Science, Honors Program
Georgia Institute of Technology, Atlanta, GA   Fall 2013 - Spring 2017
GPA 4.0

SKILLS

Languages & Frameworks:
Proficient: Java, Python, Linux, PHP, HTML5, CSS3, JavaScript, MySQL, Bash
Worked in: Ruby on Rails, Ruby, C, C++, Wordpress

Relevant Coursework:
Data Structures and Algorithms (current), Computer Organization & Programming (current), Object Oriented Programming

Foreign Languages:
Spanish (intermediate)

WORK EXPERIENCE

Undergraduate Researcher   Spring 2014 - Current
Space Systems Design Labs, Georgia Institute of Technology
- Developing and designing the Flight Sofware for the PROX-1 satellite mission, funded by the U.S. Air Force Research Laboratories
- Involves writing all flight control software using C++ on a BeagleBoard runing the Ubuntu operating system

Student Assistant   Spring 2013 - Spring 2014
Georgia Tech Institute for Computing Education, Atlanta, GA
- Lead and assisted educational workshops on LEGO NXT, Alice, Scratch, and various robotics kits for elementary to high school students.

RELEVANT PROJECTS

QueueUp (http://queueup.us.to) *Ruby on Rails, Javascript*
- Native Spotify application that allows members of a party to queue up and play songs in real time
- Developed at MHacks Winter 2014

Course Scheduler (http://course.us.to/) *Ruby on Rails*
- Finds an optimized weekly schedule based on a list of selected courses and time constraints.

ACTIVITIES & LEADERSHIP

Hands on Atlanta, *Volunteer*   Spring 2014
- Volunteered with a geocaching and mapping nonprofit project in Atlanta to develop a website for managing users and mapping coordinates

Humanitech, *Member*   Fall 2013 - Current
- Humanitech is a club in the College of Computing that promotes volunteer service work through computer science
- Delevoping an Android application with SEMA Development for a non-profit in Atlanta