Amritha Ram

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OBJECTIVE

Secure a full time opportunity with a company in software development starting Fall 2017. I am willing to learn and explore new areas related to this field and am interested in opportunities related to my concentrations, which are Information Internetworks and Artificial Intelligence.

EDUCATION

Georgia Institute of Technology
B.S, Computer Science

Atlanta, GA
GPA: 3.96   Aug 2013 - present

Sishya School

Chennai, Tamil Nadu, India
Final grade: 97%   Jan 1998 – May 2013

AWARDS AND HONORS

Recently conferred with Faculty Honors at Georgia Tech (Spring 2016).
Was given the award for the Best Performance in ISC (All India Board – Grade 12) Computer Science in 2013 by Sishya School, Chennai.
Was awarded a scholarship by the Government of India for securing a score in the top 1% of the country in the ISC 2013 exams.
Was awarded the M.G.Doss Prize for Best Performance in ICSE (All India Board - Grade 10) Computer Science in 2011 by Sishya, Chennai.
Recognized by the Georgia Institute of Technology as being in the top 20% of undergraduate and graduate students bodies and thus invited to join Gamma Beta Phi Society and National Society of Collegiate Scholars.

TECHNICAL SKILLS

Mac OSX, Linux (Ubuntu, Red Hat)
Eclipse IDE, Android Studio, Git Version Control, WEKA Data Mining software
Programming languages: Java(primary), Python, C, HTML, JavaScript, MySQL

EXPERIENCE

Software Developer Intern at Yahoo! Inc   May – August 2016
- Working under the Cloud Infrastructure Services Team
- Working on API development for Policy Enforcement Services, an application that facilitates efficient ACL provisioning for Cloud Services.

Participant of the Google CodeU Mentorship Program   March – August 2015
- Worked on a series of technical exercises focusing on data structures and algorithms under the guidance of a Google engineer mentor
- Completed Udacity's Developing Android Apps course, and worked with another participant to create an app that served as a Travel Journal that users could post to social media from.
- Follow the link to take a look at the project: https://github.com/amritharam/travelLogger

Academic Tutor at the College of Computing at Georgia Tech   Sep 2015 - present
- Responsible for tutoring students every week for an hour each in Intro to Computing, Data Structures and Algoirithms, and Computer Organization.

Software Developer Intern at Visual Business Intelligence, Chennai, India   May-July 2015
- Trained in JavaScript and visualizations using d3.js charting library.
- Explored web development and gained knowledge in HTML, CSS, and JavaScript

Teaching Assistant at the Georgia Tech College of Computing for the Intro to Computing course.   Aug 2014 – May 2015
- Responsible for leading recitation once a week for an hour and a half, teaching 50 students.
- Responsible for grading coding homework assignments in Python once a week
- Responsible for one-to-one tutoring of students at office hours for atleast three hours a week.

Worked as an intern at Servion Global Solutions, Chennai, India   July 2014
- Examined and wrote test cases for existing employee assessment application

PROJECTS

⇒ Worked with a team that created a web application to improve on the student registration process for classes at Georgia Tech. Worked on the design logic for the application as well as some front-end components.

⇒ Worked with a team on a project to create an application simulating a hotel reservation system. Worked on the logic for the application as well as database queries to carry out the various operations.

⇒ Worked on multiple reports on experiments run on datasets, analyzing different Supervised, Unsupervised and Reinforcement learning algorithms. Also wrote programs (in Python) implementing Decision Tree and Neural Network classifiers.

LEADERSHIP AND OTHER ACTIVITIES

o Served as a panelist, addressing teenage girls part of the Girls Who Code organization to promote careers in Computer Science and Technology among women. This event was held as part of the Yahoo for Good campaign in July 2016.
o Volunteer at the Georgia Tech College of Computing Career Fair held in September, 2014 and in February 2016.
o Part of the ThinkBig Living and Learning Community at Georgia Tech
o Former member of the Student Government Association at Georgia Tech (Member of the Planning and Development committee and the Campus Services Committee)