Arvind Ramaswami

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Summary

I am looking for a summer internship in software engineering. Currently, I am an undergraduate at Georgia Tech, interested in web development, algorithms, and machine learning.

Skills

Web technologies: HTML5, CSS3, JS, Node, React, Angular, MongoDB
Mobile technologies: Ionic, Android Studio
Programming languages: Java (proficient), Javascript (proficient), Python (proficient), MATLAB (familiar), C++(familiar)
Courses taken: Machine Learning (Coursera), Deep Learning Specialization (Coursera, 3 out of 5 courses complete), OOP
Other CS skills: Knowledge of data structures and algorithms

Experience

Microsoft Student Partner (MSP) — Microsoft   Sept 2017 — Present
Works as a technical evangelist at Georgia Tech. Attends training sessions by Microsoft and hosts workshops using Azure and tools like LUIS (Language Understanding Intelligent Service, which can be used for building intelligent chatbots) and ML Studio every month.

Project Lead — Data Science at GT   October 2017 — Present
Leading a team in the Kaggle project Web Traffic Time Series Forecasting to forecast future traffic for approximately 145,000 Wikipedia articles.

Full Stack Web Developer — GT Bits of Good   Sept 2017 — Present
Using Wordpress to redesign the website for the nonprofit World Water Relief. Additionally working on projects using MERN Stack Web Development.

Assistant Java Coach - Yes-M Systems   Jun 2016 - Aug 2016
Helped students learn about introductory Java and OO programming, which included variables, methods and classes.

Projects

FiscAlert   October 2017
Helped create a program at the hackathon HackGT that predicted credit card fraud based on features like time, distance and cost of transactions using anomaly detection. Created the front-end by piping the output of the Java program from a text file through python http.server to a webpage.

Outplayed Apps   Dec 2016 — Jun 2017
Helped create an application that to prepare students for the National Science Bowl competition using the Ionic framework. This was an instructive experience in AngularJS. https://outplayedapps.com)
https://devpost.com/software/fiscalert

YOU - a spinoff on Quora   August 2017
Created the front-end for a website used to track of external users' posted comments to questions using HTML5, CSS3, JS and JQuery. This was an also instructive experience in PHP and SQL.
https://github.com/arvindr9/quora-spinoff

Letter Classifier   August 2017 - Present
Creating a neural network that can recognize images of letters in the alphabet using Python's numpy library.
https://github.com/arvindr9/neural-network-test

Education

Georgia Tech (2017 – present): Undergraduate Computer Science major.

Other Skills/Interests

Mathematics: Represented Georgia ARML in 2015 and 2017. Experienced in combinatorics and number theory. Developed problem solving skills from math contests. Will take the Putnam Exam in December 2017.