Arvind Ramaswami

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HackerRank: https://www.hackerrank.com/arvind_r

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

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

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Skills
Web technologies: HTML5, CSS3, JS, Node, Express
Machine Learning technologies: Tensorflow, Azure ML Studio, Numpy
Programming languages: Java, Python, C++, Javascript, MATLAB
Courses taken: Coursera: Machine Learning, Deep Learning Specialization. Georgia Tech:
Fall 2017: OOP, Spring 2018: Data Struct and Alg, Data Input and Manip, Computer Organiz and Programming
Other CS skills: Member of the GT Programming Team (Competitive programming in C++)

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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) and ML Studio every month.
Project Lead — Data Science at GT   **October 2017 — Present**
Leading a team in the Kaggle project *WDSM - KKBox Churn Prediction Challenge* to forecast whether a user of the music streaming service KKBox will churn (stop their subscription) within 30 days.
https://github.com/arvindr9/kkbox-churn-prediction
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 introduced students to Java and OO programming, which included variables, methods and classes.

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Projects
ConvNet in Numpy   **Nov 2017 - Present**
Creating a convolutional neural network to train a digit recognizer based on the MNIST dataset.
https://github.com/arvindr9/mnist-convnet
Home Depot Deep Learning Challenge   **Nov 2017**
Created a ConvNet using Tensorflow to classify images of shopping products.
https://github.com/arvindr9/Home-Depot-Challenge
WeLocate   **October 2017**
Built a website that allows users to choose a location on a map to find where to open their business based on a dataset of existing buildings from Yelp's API and results from Amazon's AWS Machine Learning. Used Node.js for the backend and for calling the Python scripts to obtain and train the datasets. Received awards for the Most Disruptive Hack and the Best Financial Hack. https://devpost.com/software/welocate-7mjhra
FiscAlert   **October 2017**
Created a program at the hackathon HackGT that predicted credit card fraud based on features like time, distance and cost of transactions using anomaly detection with Java. Piped the output of the Java program from a text file through python http.server to a webpage. https://devpost.com/software/fiscalert
Outplayed Apps   **Dec 2016 – Present**
Helped create an application that to prepare students for the National Science Bowl competition using the Ionic framework. Helped with the development and design process https://outplayedapps.com)

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Other Skills/Interests
Mathematics: Represented Georgia ARML in 2015 and 2017. Experienced in combinatorics and number theory. Developed problem solving skills from math contests. Took the Putnam Exam in December 2017.