



JOTHI RAMASWAMY

DEVELOPER

RESUME

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EDUCATION

LAKELAND HS 2019

VALEDICTORIAN

HARVARD UNIVERSITY 2023

COMPUTER SCIENCE AND ECONOMICS

GPA: 3.918

SKILLS

Programming Languages

Swift, Objective C, Python, Java, HTML/CSS, JavaScript, R, bash, Ruby, C/C++

Tools/Utilities

SQL, Flask, PyTorch, TensorFlow, MongoDB, OpenCV, Git, MATLAB, React, Node.js

AWARDS

- 2017, 2018, 2019 Apple's Worldwide Developers Conference (WWDC) Scholar
 - Selected to meet Tim Cook and Michelle Obama in person at conference
- 2019 Coca-Cola Scholar
- 2019 Regeneron Science Talent Search Scholar
- 2019 National Merit Scholar
- 2018 Global Teen Leader from Three Dot Dash/We Are Family Foundation
- 2019 NCWIT Aspirations in Computing National Winner
- 2017 ANN Inc. and Vital Voices HERlead Fellow

Phone Number:
914 486 6101

EXPERIENCE

EXECUTIVE DIRECTOR/FOUNDER | THINKSTEAM

08/2015-PRESENT

<http://www.thinksteam4girls.org>

- 501(c)(3) non-profit organization to bridge the gender gap in STEM through the arts.
- Conducted 50+ hands-on technology workshops for 1300+ girls with professionals from IBM, Google, Amazon, PepsiCo, Facebook, Columbia University SWE and NY SWE
- Secured \$30,000 in grants from Acorda Therapeutics, IBM, Wal-Mart, PepsiCo; \$120k in Google AdGrants
- Led all-Girls STEAM-A-THON for 75 middle school girls from NY, NJ, CT
- Spearheaded Global ThinkBIG Challenge - STEAM video contest for girls
- Started the Student Ambassadors program in 2017 to spread ThinkSTEAM to girls in multiple states nationwide

APPS ACCESSIBILITY ENGINEERING INTERN | APPLE

05/2020-9/2020

- Currently creating and engineering an accessibility feature for Apple's iWork suite (Keynote, Pages, Numbers).

DATA SCIENCE INTERN | STRATEGIC FINANCIAL SOLUTIONS

07/2019

- Worked with data scientists to create a predictive model of individuals' debt scores.

IOS DEVELOPER | ALMA CAMPUS

05/2018-08/2019

- Scraped thousands of courses and clubs for "College LinkedIn" startup launched at four universities in California used by 2000+ college students

MACHINE LEARNING INTERN | COLUMBIA UNIVERSITY

06/2018-09/2018

- ~450 hrs researching patterns of neural response w/ machine learning models, wrote paper (<https://bit.ly/2V7H9oC>); Awarded "Regeneron STS Scholar"

iOS DEVELOPER | XO Group

08/2017

- Redesigned Checklist/Dashboard that went into production for thousands of users

MACHINE LEARNING INTERN | IBM Research

06/2017-08/2017

- Awarded "Innovations in Biological Sciences" at WESEF

PROJECTS

SafetyPin - Technovation App Challenge Global Semifinalist - App that helps sexual assault victims record evidence to obtain legal justice

ASDTonization - MetroHacks 3rd Place - App that uses sentiment analysis to extract emotion and help students with Autism Spectrum Disorders socialize with others

PowerOn - App that allows users to report power outages to government facilities

RATracker - App using machine learning to help self-diagnose risk for arthritis