

Ariel Skye Levy

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EDUCATION

Massachusetts Institute of Technology

Cambridge, MA

Candidate for B.S. in Computer Science, Minor in Design

Class of 2020

(MAS.110) Computational Media Design, (MAS.A19) Designing Consumer Electronics, (18.02)

Multivariable Calculus, (6.0001) Introduction to Computer Science Programming in Python

Stuyvesant High School

New York, NY

Phi Beta Kappa | GPA: 98/100 | Class Rank: 3/806 | SAT: 2390

Class of 2016

Software Development, Systems Level Programming, Computer Graphics, AP Computer Science

EXPERIENCE

Brain Power

Cambridge, MA

Project Manager Extern

Jan 2017 - Feb 2017

Managed team of six app developers creating software across Android mobile and Google Glass platforms to empower those challenged with autism

Center for Computational Learning Systems | Columbia University

New York, NY

Research Intern - Supervisor: Dr. Ansaif Salieb-Aouissi

Jun 2014 - Dec 2015

Applied machine learning algorithms to develop novel models for smartphone-based activity recognition

Center for Genomics and Systems Biology | New York University

New York, NY

Research Intern - Supervisor: Dr. Gloria Coruzzi

Jun 2014 - Sep 2015

Identified genetic biomarkers of crop yield and nitrogen use efficiency with statistical network analysis

Computer Science and Technology for Urban Youth

New York, NY

Teaching Assistant

Sep 2015 - Jun 2016

Built teaching curriculum in Python and Processing; mentored student teams through project creation

ACTIVITIES

MIT Media Lab

Cambridge, MA

MAS Freshman Year Program

Sep 2016 - May 2017

Studied intersection of art and technology; final project animating optical art in VR profiled by VR@MIT

MIT Design for America

Cambridge, MA

PowerX Project Team

Sep 2016 - May 2017

Developed a set of mobile applications to encourage adherence to pediatric medical regimens

Kappa Alpha Theta Sorority

Cambridge, MA

Online Media Director

Jan 2017 - Dec 2017

Designed and maintained the sorority website and social media accounts

New York City Math Team

New York, NY

Co-Captain

Feb 2014 - Jun 2016

Led award-winning team at several national math competitions: HMMT, PUMaC, ARML

SKILLS

Python, JavaScript, HTML & CSS, Java, R

HONORS

International Conference on Machine Learning and Applications selected poster presenter

New York Academy of Sciences Machine Learning Research Symposium selected poster presenter

Top 2.5% nationally on the American Mathematics Competition; **Math Prize for Girls** alumna

President's Volunteer Service Award (Gold) - Education for leadership of non-profit Reading Reflections