

Ariel Skye Levy

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EDUCATION

Massachusetts Institute of Technology

Cambridge, MA

Candidate for B.S. in Computer Science and Engineering

Class of 2020

(6.042) Mathematics for Computer Science, (6.S08) Interconnected Embedded Systems, (8.02) Electricity and Magnetism, (MAS.110) Computational Media Design, (MAS.A19) Designing Consumer Electronics

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

MIT Media Lab – Collective Learning Group

Cambridge, MA

Undergraduate Researcher

Feb 2017 – Present

Developed data visualization tools native to React for an open source library

Brain Power

Cambridge, MA

App Development Team Lead

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

Columbia University – Center for Computational Learning Systems

New York, NY

Research Assistant

Jul 2014 – Dec 2015

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

New York University – Center for Genomics and Systems Biology

New York, NY

Research Assistant

Feb 2014 – Nov 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 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

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