Ariel Skye Levy

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EDUCATION

Massachusetts Institute of Technology (Cambridge, MA) – *B.S. Computer Science and Engineering*   2016–2020
> (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 | SAT: 2390*   2012–2016
> Software Development, Systems Level Programming, Computer Graphics, AP Computer Science

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EXPERIENCE

Brain Power (Cambridge, MA) – *Project Manager Extern*   2017
> Led coding team on development of Google Glass applications for autism neuro-assistance

Center for Computational Learning Systems | Columbia University (New York, NY) – *Research Intern*   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*   2014-2015
> Identified genetic biomarkers of crop yield and nitrogen use efficiency through statistical network analysis

Computer Science and Technology for Urban Youth (New York, NY) – *Teaching Assistant*   2015–2016
> Built teaching curriculum in Python and Processing; mentored student teams through project creation

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ACTIVITIES

MIT Media Lab (Cambridge, MA) – *MAS Freshman Year Program*   2016–2017
> Created animations of optical art for the Google Daydream Virtual Reality headset with Unity engine

MIT Design for America (Cambridge, MA) – *PowerX Project Team*   2016–2017
> Developed a set of mobile applications to encourage adherence to pediatric medical regimens

Kappa Alpha Theta Sorority (Cambridge, MA) – *Online Media Director*   2017
> Designed and maintained the sorority website and social media accounts

New York City Math Team (New York, NY) – *Co-Captain*   2014–2016
> Led award-winning team in national math competitions: Harvard-MIT Math Tournament (6th place),
> Princeton University Math Competition (7th place), American Regions Mathematics League (3rd place)

The Stuyvesant National Honor Society (New York, NY) – *President*   2015–2016
> Coordinated volunteer activity of 250 members; implemented new online peer tutoring system

The Stuyvesant Spectator (New York, NY) – *News Editor*   2015
> Oversaw bi-weekly publication of news department articles; trained staff of 30 in writing and reporting

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SKILLS

Python, JavaScript, HTML & CSS, Java, R

AWARDS

International Conference on Machine Learning and Applications selected poster presenter
New York Academy of Sciences Machine Learning Research Symposium selected poster presenter
Sigma XI Student Research Showcase published co-author
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