Ariel Skye Levy

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SKILLS

Python
Java
Javascript
R
C++ (Arduino)
HTML & CSS

COURSEWORK

Elements of Software Construction
Computation Structures
Probability and Random Variables
Introduction to Algorithms
Fundamentals of Programming
Mathematics for Computer Science
Interconnected Embedded Systems
Computational Media Design

HONORS

International Conference on Machine
Learning and Applications
Selected Poster Presenter –
President's Volunteer Service Award
Gold Level in Education –
Phi Beta Kappa, Stuyvesant High
School
Graduated third in class of 800 –

ACTIVITIES

Introduction to Computer Science
Course Lab Assistant
Ultimate Frisbee
Camp Kesem
Kappa Alpha Theta
Photography

ADDRESS

410 Memorial Drive
Cambridge, MA 02139

EDUCATION

Massachusetts Institute of Technology – B.S. Computer Science
Sep 2016 - Jun 2020 / Cambridge, MA
- GPA: 4.8/5.0, Major GPA: 5.0/5.0

Stuyvesant High School – Regents Diploma with Honors
Sep 2012 - Jun 2016 / New York, NY
- GPA: 98/100, SAT: 2390

EXPERIENCE

Rent the Runway – Software Engineering Intern
Jun 2017 - Aug 2017 / New York, NY
- Developed frontend experiments to boost online user activation
- Achieved 25% increase in mobile sales with price display redesign
- Spearheaded personalized product filtering for user traffic from social media

MIT Media Lab: Collective Learning – Undergraduate Researcher
Feb 2017 - Dec 2017 / Cambridge, MA
- Designed project architecture of the Replot library;
  macroconnections.github.io/replot
- Built highly customizable data visualization components native to React

Brain Power – App Development Team Lead
Jan 2017 - Feb 2017 / Cambridge, MA
- Managed team of six developers creating software to empower those challenged with autism as agile scrum master
- Coordinated the design of Augmented Reality programs across Android mobile and Google Glass platforms

Columbia University – Machine Learning Research Assistant
Jun 2014 - Jan 2016 / New York, NY
- Created novel models for smartphone-based activity recognition
- Devised smartphone theft detection algorithm with 94% accuracy

New York University – Bioinformatics Research Assistant
Feb 2014 - Nov 2015 / New York, NY
- Identified biomarkers in crop nitrogen use through network analysis
- Collected and sequenced crop DNA to obtain gene expression data

LEADERSHIP

MIT Women in EECS – Community Events Director
Sep 2017 - Present / Cambridge, MA
- Increased membership from from 30 to 120 through recruiting efforts
- Regularly organized mentorship and community bonding events

Reading Reflections – President, New York Chapter
Sep 2015 - Jun 2016 / New York, NY
- Coordinated distribution of gently used books to underserved communities
- Doubled organization membership and book processing volume