Jesse Silverberg

✎ jessesilverberg.com
github.com/jessesilverberg

Education

2021–Present	**Case Western Reserve University**, *Major: Computer Science*
2016–2020	**Montgomery Blair HS**, *Science, Mathematics, Computer Science Magnet*
2018	**University of Maryland at College Park**, *Department of Computer Science*

Relevant Coursework

Sciences	Quantum Physics, Mathematical Physics, Modeling and Simulation, Computer Graphics, Analysis of Algorithms, Algorithms and Data Structures, Artificial Intelligence
Mathematics	Multivariable Calculus/Differential Equations, Complex Analysis, Discrete Math, Logic, Statistics

Software Experience

Languages	Python, R, Java, JavaScript, SQL
Applications	Mathematica, MATLAB, Tableau, Autodesk Inventor

Experience

2020–2021	**Data Science Associate**, *When We All Vote/Civic Nation*, built models and analyzed experiments, developed and deployed Django apps on AWS
2019	**Researcher**, *University of Maryland Institute for Advanced Computer Studies*, Artificial Intelligence and Metacognition lab under Dr. Donald Perlis
2018–2020	**System Operator**, *Montgomery Blair High School*, server management, webmaster duties, firewall/DNS, and network administration

Awards

- MathWorks Math Modeling Challenge, Technical Computing Winner and Outstanding Communication of Results Winner
- Consortium for Mathematics and Its Applications (COMAP) High School Mathematical Contest in Modeling, Finalist
- Lockheed Martin Programming Competition (D.C.), 3rd Place
- Princeton University Physics Competition, 2nd Place
- U.S. Physics Olympiad Qualifier (20/25 F=ma)
- Johns Hopkins Center for Talented Youth, Study of Exceptional Talent
- Davidson Institute Scholar