

Ali Hindy  
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**Education:** Brunswick School Class of 2021, Stanford University Class of 2025

- GPA: 102.9/100 | ACT: 36 | Class Rank: 1 | 4x High Honor Roll | Aspiring Data Scientist
- **Honors/Awards:**
  - Valedictorian, Ivy Speaker, 3 years of Research Experience, Planning on Majoring in CS
  - Jackson Laboratory Life Sciences Award(1st Place) at Connecticut Science Fair National American Meteorology Award, Brunswick Computer Science Award, Rensselaer Research Award, Arabic Award, Cum Laude Society Inductee
  - 3x COLT (Council of Language Teachers) Poetry Recitation Gold Medalist Qatar Foundation Arabic Honor Society, Brunswick Peer Leader

**Online Coursework:**

- Received an A and a certificate from Stanford's CS-231n Convolutional Neural Network Course, MIT's 18.01 and 18.02 (Single and Multivariable Calculus), currently enrolled in 18.06 (Linear Algebra), and Harvard's Statistics and R Course (part of the Data Science for Life Sciences Series)

**Research Experience:**

- Sign Language Arm Band, Summer 2020-Present
  - Worked with Harvard Professor Dr. Chris Tanner and Google Researcher Dr. Julia Kreutzer to make an armband that translates sign language using muscle sensors. Published 2 papers for submission at ACL 2020
- Quantum Research, Summer 2020-Present
  - Worked with MIT graduate Abhijit Mudigonda on quantum error correcting codes, published paper in the SSI Research Journal (1 of 10 Selected out of 300)
- Stanford University Quantum Mechanics, Summer 2019
  - Worked with a professor studying and researching quantum mechanics, specifically quantum optics
- Connecticut State Science Fair Independent Research
  - Spring 2019: Wrote a convolutional neural network that could identify images of nuclei in cells, won 1st Place in the Life Sciences Division
  - Spring 2020: Wrote a convolutional neural network with a novel learning rate optimizer that could predict droughts from satellite images, and won several special awards.

**Extra-Curriculars:**

- Babel and Arabic Club: Literary Magazine
  - Current Editor-in-Chief, 3x Gold Medalist awarded by the Columbia Scholastic Press Association, raised funds for Syrian Immigrants and sustainable resources in the Arab World
- Track and Field, Cross Country Captain
- Diversity in Action Club
  - Facilitated open discussions about race, diversity, and inclusion throughout my school

**Skills and Interests:**

Software: Python (Numpy,Pandas,Tensorflow,Keras), R, LaTeX, Java, Excel, Processing  
Languages: English (Fluent), Arabic (Fluent, MSA and Egyptian), French (Semi-Fluent)

