

Ali Hindy

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WORK EXPERIENCE

Data Science & SWE Intern, Point Pickup Technologies *Summer 2021*

- Worked on implementing computer vision models (using optical character recognition to validate driver's license photos to prevent user fraud) deployed on an app with over 250,000 users
- Wrote sentiment analysis software for analyzing 2,000+ app store reviews to improve ratings

Innovation Team & Software Engineer, Yakera *Summer 2021*

- Worked on crowdfunding website using React.js to raise money for Venezuelans, published in El Diario (largest online newspaper in Venezuela) and El Nacional (largest newspaper in Venezuela)
- Implemented Agile methods to lead dev team, implementing Stripe, FB, Plaid, Paypal APIs

Data Science Research, Harvard IACS *Summer 2020-Present*

- Worked with Harvard Professor Dr. Chris Tanner and Google Researcher Dr. Julia Kreutzer to create an armband that translates sign language using muscle sensors (Preprint: ICASSP 2022)
- Wrote novel seq2seq models translating ASL to English with our dataset of 6,000+ signs

Quantum Computing Research, Mentorship *Summer 2020-June 2021*

- Worked with MIT graduate Abhijit Mudigonda on quantum error correcting codes using IBM Qiskit, published paper in the SSI Research Journal (1 of 10 Selected out of 300)

EDUCATION

Stanford University, Stanford, CA *2021-2025*

- **School of Engineering**, B.S Symbolic Systems
 - Concentration in Artificial Intelligence, *Cumulative* GPA: 4.0/4.0
- **Frosh Battalion**, Business Association of Stanford Entrepreneurial Students
 - Selected as 1 of 250 applicants for Stanford's Premier Entrepreneurship Club
 - Engaged with Silicon Valley entrepreneurs through a series of workshops and tutorials
- **Member**, Stanford Machine Learning Club
- **Relevant Coursework**:
 - Stanford CS-231n, CS229, MIT 18.01, 18.02, 18.06, HarvardX Statistics and R

Brunswick School, Greenwich, CT *2007- 2021*

- GPA: 102.9/100 | ACT: 36 | Class Rank: 1 | 4x High Honor Roll | Valedictorian
- **Honors/Awards**:
 - Computer Science Award, Rensselaer Research Award, Arabic Award, Cum Laude Society Inductee, James A. Shields Math Award, Geis Cup, Elected "Ivy" Speaker

EXTRACURRICULARS

Editor-in-Chief, Babel and Arabic Club:

- Ran the magazine that won 3 Gold Medals from the Columbia Scholastic Press Association
- Raised over \$15,000 for Syrian Immigrants and sustainable resources in the Arab World

Member, Stanford Club Squash

President, Diversity in Action Club

- Facilitated open discussions about race, diversity, and inclusion for audience of 500+ students

SKILLS AND INTERESTS

Software: Python (Numpy, Pandas, Tensorflow, Keras), R, LaTeX, Java, Excel, Processing

Languages: English (Fluent), Arabic (Fluent - MSA and Egyptian), French (Basic)