

# Rohan Jha

rija@andrew.cmu.edu • (858)-229-3216 • San Diego, California

<https://rob612.github.io/Personal-Website/>

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## EDUCATION

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### Carnegie Mellon University

*B.S., Computer Science*

*GPA: 3.55*

**May, 2023**

*Pittsburgh, PA*

- Relevant Coursework: Mathematical Foundations of Computer Science (15-151), Matrices and Linear Transformations (21-241), Fundamentals of Programming and Computer Science (15-112), Principles of Imperative Computation (15-122), Principles of Functional Programming (15-150)

### La Jolla Country Day School

*High School Diploma*

*GPA: 3.98/4.78 Unweighted/Weighted (4.0 scale)*

**May, 2019**

*La Jolla, CA*

- Received Head of School Award (Salutatorian) and Cum Laude honors
- Relevant Coursework: AP Calculus BC, AP Computer Science A, Graphic Design

### Online Coursework

**June, 2018 – January, 2019**

*Certificates Granted by Coursera*

- Certificate in Machine Learning via Stanford University
- Certificates in Deep Learning Specialization (Neural Networks, Convolutional/Recurrent Networks, Hyperparameter Tuning, Regularization and Optimization) via deeplearning.ai

## SKILLS & INTERESTS

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- **Skills:** Python, HTML, Photoshop, Computer Assembly, Public Speaking, Presentation
- **Interests:** Coding, Machine Learning, Reinforcement Learning, Graphic Design, Tennis

## PROJECTS

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### LowPolyGen

**November, 2019**

*15-112: Fundamentals of Programming and Computer Science Term Project*

- Python app imitating Adobe Bridge file preview GUI
- Renders stylized “low poly” image using Canny edge detection and Delaunay triangulation algorithms
- Was one of twelve projects out of 500 chosen to present at the 15-112 Term Project Showcase on 12/5/19

### Impressionator

**September, 2019**

*Hack CMU 2019 Text Style Generator*

- Group project for Hackathon made using text preprocessing and Markov chains to generate novel text in the style of a given source or blend two sources in order to synthesize novel style-merged text.

## EXPERIENCE

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### Project Concern International

**April, 2015 – April, 2019**

*Walk for Water Student Committee Leader*

*San Diego, CA*

- Co-led student committee meetings planning annual 5K walk fundraiser at Tecolote Shores
- Led annual graphic design contest for Walk for Water event t-shirt, made winning design in 2016
- Organized on-site logistics leading groups of 20 student volunteers
- Appeared on local news to publicize event and cause, resulting in a record turnout and \$75,000 in funds in 2018