

# Rohan Jha

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## EDUCATION

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### Carnegie Mellon University

*B.S, Computer Science*

*GPA: 3.77*

**May, 2023**

*Pittsburgh, PA*

- Relevant Coursework: Mathematical Foundations of Computer Science (15-151), Fundamentals of Programming and Computer Science (15-112), Matrices and Linear Transformations (21-241)

### La Jolla Country Day School

*High School Diploma*

*GPA: 3.98/4.78 UW/W (4.0 scale)*

**May, 2019**

*La Jolla, CA*

- Received Head of School Award (Salutatorian) and Cum Laude honors
- Relevant Coursework: AP Calculus BC, Linear Algebra, 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, Java, HTML, Keras, Photoshop, Computer Assembly, Public Speaking, Tutoring, Presentation
- **Interests:** Coding, Machine Learning, Reinforcement Learning, Graphic Design, Tennis

## PROJECTS

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### LowPolyGen

**November, 2019**

*15-112 Term Project*

- Python app imitating Adobe Bridge image preview system. Rather than a preview, LowPolyGen renders a “low poly” stylized image using Canny edge detection and Delaunay triangulation algorithms to generate the node and edges of the render. Was one of twelve projects out of 500 chosen to present at CMU’s F19 15-112 Term Project Showcase.

### 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
- Contacted sponsors and donors in order to help raise record \$75,000 in 2018
- Organized on-site logistics leading groups of 20 student volunteers
- Appeared on local news broadcasts to publicize event and cause, resulting in a record turnout