

Rohan Jha

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

EDUCATION

Carnegie Mellon University

B.S., Artificial Intelligence

GPA: 3.70

May, 2023

Pittsburgh, PA

- Relevant Coursework: Mathematical Foundations of Computer Science (15-151), Matrices and Linear Transformations (21-241), Principles of Imperative Computation (15-122), Principles of Functional Programming (15-150), Concepts in Artificial Intelligence (07-180)

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

- **Programming Languages:** Python, C, Standard ML, LaTeX
- **Skills:** Data Structures and Algorithms, Version Control (Git), Keras, Django, Photoshop
- **Interests:** Coding, Machine Learning, Reinforcement Learning, Graphic Design, Tennis

PROJECTS

LowPolyGen

November, 2019

15-112 Term Project

- Created a Python app imitating Adobe Bridge GUI file preview system that 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 CMU’s 15-112 Term Project Showcase

Impressionator

September, 2019

Hack CMU 2019 Text Style Generator

- Designed Python backend of text generator that synthesized novel text in one or a blend of two styles
- Preprocessed and collected text data to train models

EXPERIENCE

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