

<https://arc-n.github.io>
<https://github.com/Arc-N>
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Arman Arakelyan

SKILLS

C/C++, Python, HTML, CSS, JavaScript, x86 Assembly, TensorFlow, Keras, NumPy, Debugging, Algorithms, Data Structures, Linux, Problem Solving, Research, Teamwork, Communication.

EDUCATION

UC Irvine, Irvine, CA 92697 – *Computer Science BS*

September 2017 – June 2019

EXPERIENCE

GCC Scholars Program, Glendale, CA 91208 – *Website Administrator*

June 2016 – June 2017

- Directly collaborated with the program director and other cabinet members to maintain the website.
- Managed data of over 150 people.

Projects

2D Self Driving Car – *Python, Tensorflow, Keras, NumPy*

Personal

- Reinforced deep learning algorithm that mimics ladars in a virtual environment to simulate a driving car and learn to stay on the road.
- Compared different approaches to state analysis to find an optimal approach that can learn fast.

Unbeatable Tic-Tac-Toe AI – *C++ STD*

School

- Uses minimax algorithm to traverse through all possible game states and choose the best move.
- The tree is explored entirely, making the AI impossible to beat.