

Michael Truell

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Address: 801 West End Ave Apt 5A; New York, NY 10025

Skills

Java, C++, PHP/MySQL/Linux, Python, MongoDB, Javascript, and Machine Learning

Education

Horace Mann High School

Weighted GPA: 4.2

Expected graduation: June 2018

Relevant coursework: programming languages, data structures, desktop and mobile applications, desktop games, artificial neural networks, reinforcement learning, and robotic localization

Standardized Tests

800 on Biology M SAT II, 2015

800 on Chemistry SAT II, 2015

99 percentile of independent school students on SSAT, 2014

Awards

Intel Excellence in Computer Science Award, NYCSEF finals 2016

First Award in Computer Science, NYCSEF finals 2016

Member of Team NYC for the Intel International Science and Engineering Fair 2016

Advanced to the Nationals of the American Computer Science League, 2016

Projects

A Universal Robotic Control System using Reinforcement Learning with Limited Feedback

Robotic software that learns from people. Competing in the 2016 Intel International Science Fair.

Fido

An open-source C++ machine learning library for embedded electronics and robotics

New York Computer Science League

A website for hosting monthly programming competitions among New York City high schools.

Mimicr

A website for text generation using recurrent neural networks with long short-term memory.

Halite

A game played by AIs equipped with a lightweight library for writing AIs in Java, C++, and Python. Entries are compiled, run, and ranked on our website.

Extracurriculars

Leader and founder of the Horace Mann American Computer Science League Team

Leader and founder of the Horace Mann Programming Club

Head of Software for the Horace Mann Robotics Team

Webmaster for the Horace Mann Community Council

Chief Technology Officer for the Record, Horace Mann's Weekly Newspaper