Michael Truell

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Skills
Java, C++, PHP/MySQL/Linux, Javascript, HTML/CSS, Python, 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

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 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
Horace Mann Varsity Track and Varsity Cross Country
6+ years of piano