

David W. Proctor

Student, Yale University, Class of 2019 - david.proctor@yale.edu

Education

YALE UNIVERSITY

Timothy Dwight
Class of 2019
New Haven, CT
B.S. Computer Science (Prospective)

HOPKINS SCHOOL

Class of 2015
New Haven, CT

Courses

Algorithms
Data Structures
Discrete Math
Quantum Computing
Astrophysics

Skills

Programming

Python
C

Data Analysis

Monte Carlo method
 χ^2 fitting
Noise reduction

Language

Spanish
Portuguese

Experience

CS50 | Developer

2017 summer. cs50.net.

Harvard and Yale's "Intensive Introduction to Computer Science."

- Led three technical presentations at each of two CS50 educator conferences.
- Taught two-week web development course (Python, JS, SQL) at Harvard Summer School.
- Made CS50 library install cross-platform (Mac, Linux).
- Analyzed teacher and student survey data.
- Made reference sheets for core topics. ap.cs50.net/resources
- Designed cross-curricula (CS + physics, CS + astronomy) lesson plans and psets.

CS50 | Teaching Fellow

2016 fall. ap.cs50.net/cscie50a.

- hosted section and office hours; graded 18 Harvard Extension School students.

CS50 AP | Curriculum Intern

2016 summer.

In 2016-17, CS50 AP was taught in 42 high schools to 1000+ students.

- Mapped CS50 materials to a high school AP curriculum.
- Developed two Python web apps (psets 7 and 8).
- Generated questions for CS50 Quizbank (quizbank.cs50.net), a student's study tool and teacher's quiz generator.

HONDURAS CHILDREN'S PROJECT | President

2013-present. honduraschildrensproject.org.

Honduras Children's Project is "dedicated to improving the education for the children of Copprorne Orphanage in El Progreso, Honduras."

- Hired two teachers and three teaching assistants.
- Doubled annual fundraising from \$12,500 to \$25,000.