

SEAN WALKER

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EDUCATION

Yale University, New Haven, CT

Computer Science (B.S.), Expected May 2019

GPA: 3.68

Relevant Coursework:

- Natural Language Processing
- Data Structures and Programming Techniques
- Introduction to Computer Science
- Control, Privacy, and Technology
- Law, Technology, and Culture
- Introduction to Computing and Programming

East High School, Pueblo, CO

IB Diploma with Advanced Academic Endorsement, May 2015

GPA: 4.87

Awards: Valedictorian, IB Diploma Recipient, National Merit Commended Student

EXPERIENCE

Yale University Department of Computer Science, *Course Assistant*, New Haven, CT Fall 2016, Fall 2017 – Present

- Help students with coursework for CPSC 100: Introduction to Computing and Programming during office hours and one-on-one tutoring sessions.
- Manage course events (e.g. project presentation fair, hackathon).

Yale Student Technology Collaborative, *Android Developer*, New Haven, CT

Spring 2017

- Develop Yale's official apps for the Android platform, code review for colleagues.
- Experience in: Java (Android SDK), DevOps (CI (GitLab), Docker, agile development/scrum), OOP, and writing unit/UI tests.

Harvard University Department of Computer Science, Cambridge, MA

Summer 2017

Intern, CS50 Re&D

- CS50 is Harvard's introductory computer science class, but is also offered at Yale, online via edX, and to high school students via the CS50 AP curriculum. I worked primarily on the AP team to facilitate a better experience for the AP teachers and students alike using the curriculum.
- Developed resources, practice problems, and reference materials, both student- and educator-facing, for CS50 AP, a high-school computer science curriculum. Languages included C, HTML, CSS, and Python.
- Used Python to create a web scraper to compile a list of all C standard library functions and macros, to be used in revamping reference.cs50.net.

Teaching Assistant, CSCI P-14300: Introduction to Web Programming, Harvard Summer School

- Helped students with code during office hours and provided feedback on their submissions.
- Led a seminar on Bootstrap and responsive web design.

EXPERIENCE IN EDUCATION AND STUDENT ENGAGEMENT

Yale Computer Society, *Director of Events*, New Haven, CT

Fall 2016 – Present

- Yale Computer Society is Yale's computer science club focused on improving the community around and resources for CS undergraduates.
- Plan and run community events, such as tech talks, workshops, study sessions, and coding workshops.
- Help lead outreach to Yale CS department and industry figures.

COMPUTER SKILLS AND LANGUAGES

- Java (Android SDK), Python, HTML, CSS (Bootstrap), C, JavaScript (jQuery)
- French (proficient)