SEAN WALKER

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EDUCATION

Yale University, New Haven, CT
Computer Science (B.S.), Expected May 2019
GPA: 3.68
Relevant Coursework:
- CPSC 477: Natural Language Processing
- CPSC 223: Data Structures and Programming Techniques
- CPSC 201: Introduction to Computer Science
- CPSC 185: Control, Privacy, and Technology
- CPSC 183: Law, Technology, and Culture
- CPSC 100: 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, *Teaching Assistant*, New Haven, CT   Fall 2016, Fall 2017 – Present
- Help students with coursework during office hours and one-on-one tutoring sessions.
- Lead a 110-minute weekly section, help manage various events for the course (e.g. project presentation fair, hackathon).
- Grade and provide feedback on students' work.

Yale Student Technology Collaborative, *Android Developer*, New Haven, CT   Spring 2017 – Present
- Develop Yale's official apps for the Android platform. Experience in both UI/UX design (XML) and backend work 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 R&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), JavaScript (jQuery), C
- French (proficient)