

SEAN WALKER

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EDUCATION

Yale University, New Haven, CT

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

GPA: 3.67

Relevant Coursework:

- Systems Programming
- Algorithms
- Data Structures
- Natural Language Processing
- Data Privacy

Activities:

- Yale Computer Society, *Director* and *Treasurer*
- Yale Rumpus, *Staff Writer* and *Social Media Editor*
- Association of Native Americans at Yale

East High School, Pueblo, CO

IB Diploma with Advanced Academic Endorsement, May 2015

GPA: 4.87

PROGRAMMING SKILLS

C, Python (Flask, NLTK), Java (Android SDK), JavaScript (React Native, jQuery), HTML & CSS (Bootstrap)

PROFESSIONAL EXPERIENCE

Yale University Department of Computer Science, *Head Teaching Assistant*, New Haven, CT Fall 2017, Spring 2018

- Lead a section, walkthroughs, and office hours and grade assignments for students in CPSC 100 and CPSC 112.
- Work alongside instructors to manage course logistics, events, and the rest of the undergraduate course staff.
- Languages: C, Java, Python (incl. Flask), HTML & CSS, JavaScript (incl. jQuery)

Snackpass, *Developer*, New Haven, CT Fall 2017

- Snackpass is a New Haven-based startup that has over 7,000 users and is currently in YCombinator.
- Lead development of the app's Android version, which now has thousands of downloads.
- Languages: JavaScript (React Native), Java (Android SDK)

Harvard University Department of Computer Science, Cambridge MA Summer 2017

Intern, CS50 Re&D

- CS50 is Harvard's introductory computer science class, taught online worldwide.
- Developed new problem sets, course tools, and reference materials.
- Languages: C, Python, HTML & CSS

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

- Helped teach web development to a class of ~30 high school students.
- Led a seminar on Bootstrap and responsive web design.
- Languages: HTML & CSS (Bootstrap), Python (Flask), JavaScript (jQuery)

Yale Student Technology Collaborative, *Developer*, New Haven, CT Spring 2017

- Developed Yale's official app for the Android platform, performed code review for colleagues.
- Languages: Java (Android SDK)
- Techniques: DevOps (CI (GitLab), Docker, agile development/scrum), OOP, writing unit/UI tests