

SEAN K WALKER

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EDUCATION

Yale University, New Haven, CT

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

GPA: 3.72

Relevant Coursework:

- *Core:* Algorithms, Data Structures, Systems Programming
- *Electives:* Natural Language Processing, Databases, Networks, Object-Oriented Programming, Data Privacy

Awards:

- Richard U. Light Fellowship Recipient – Summer 2018

East High School, Pueblo, CO

IB Diploma with Advanced Academic Endorsement, May 2015

GPA: 4.87

PROGRAMMING SKILLS

JavaScript (Express, Node, React, React Native, jQuery), Python (Flask, NLTK, Pandas), C, Java (Android SDK), HTML & CSS (Bootstrap), C++, SQL, MongoDB

PROFESSIONAL EXPERIENCE

Snackpass, *Software Engineer*, Berkeley, CA

Starting June 2019

- Experience in: React, React Native, Node.js, Objective-C, MongoDB

Yale University Department of Computer Science, *Head Teaching Assistant*, New Haven, CT

Fall 2016 – Fall 2018

- For CPSC 100 (fall) and CPSC 112 (spring), both intensive introductory-level courses.
- Managed staff of 40 TAs, lead a section for 30 students, held weekly office hours.
- Topics: data structures, algorithms, web programming, object-oriented design.
- Experience in: C, Java, Python (incl. Flask), HTML & CSS, JavaScript (incl. jQuery), SQL

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.
- Experience in: 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 students, including nightly office hour sessions.
- Led a seminar on Bootstrap and responsive web design.
- Experience in: 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.
- Experience in: Java (Android SDK)