

# SEAN WALKER

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## EDUCATION

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**Yale University**, New Haven, CT

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

GPA: 3.68

*Relevant Coursework:*

- Data Structures & Programming Techniques
- Natural Language Processing
- Control, Privacy, and Technology
- Law, Technology, and Culture

*Activities:*

- Yale Computer Society, *Director of Events*
- Yale Rumpus, *Staff Writer* and *Social Media Editor*

**East High School**, Pueblo, CO

*IB Diploma with Advanced Academic Endorsement*, May 2015

GPA: 4.87

## PROGRAMMING LANGUAGES *(In Order of Proficiency)*

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

## EXPERIENCE

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**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.
- Languages: C, Python (incl. Flask), HTML & CSS, JavaScript (incl. jQuery)

**Snackpass Inc.**, *Software Consultant*, New Haven, CT Fall 2017

- Snackpass is a New Haven-based startup which offers unique discounts and lets users order food from their phones at most New Haven restaurants; it currently has over 5,000 users.
- Ported the app, which was iOS-only, to Android.
- Languages: JavaScript (React Native), Java (Android SDK)

**Yale Student Technology Collaborative**, *Android 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

**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: C, Python, HTML & CSS

*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.
- Languages: HTML & CSS (Bootstrap), Python (Flask), JavaScript (jQuery)