

Tyler Bonnell

Hi! I'm a Computer Science major at the University of Washington, currently looking for a software development internship. My main interests are CSE education/outreach and game development, but I'm very eager to gain experience in different areas.

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WORK EXPERIENCE

University of Washington — CSE 14x Teaching Assistant

SEPTEMBER 2015 - PRESENT

- Teaching classes/labs of CSE 142/143 students
- Grading CSE 14X assignments and exams
- Helping CSE 14x students with homework and concepts

Indeed — Software Engineer Intern

JUNE 2016 - SEPTEMBER 2016

- Developed a full-stack application for managing Indeed employee information and company-wide permissions.
- Worked with Python, SQL, and React.js

EDUCATION

University of Washington — BS in Computer Science

EXPECTED GRADUATION JUNE 2018

- 3.6 GPA

VOLUNTEERING

Code.org — Teaching Assistant

SEPTEMBER 2014

- Helped teach basic programming skills to students in grades K-5 over the course of several days.

PROJECTS

Zip — Data Compression

For CSE 332, implemented a variety of generic ADTs in Java to complete a compression framework.

UW Maps — Directions Program

For CSE 331, designed a Google Maps-esque program to show understanding of software design principles and knowledge of custom data structures (graphs, in particular).

Misc. Other Projects — bonn.pw & github.com/tylerbonnell

SKILLS

Experienced with Java, C#, JavaScript, and Python.

Have worked with C, C++, Ruby, PHP, Haskell, Racket, Prolog, and several other languages.

Skilled with vector graphic design in Adobe Illustrator/Flash.

ACHIEVEMENTS

Multiple quarters on the UW **Dean's List**.

Average rating of **4.94/5.0** in terms of teaching skill from the last two classes I taught.

Accepted into the UW CSE department as a freshman. (5% of applicants)

Self-taught the APCS curriculum in high school and earned a **5/5** on the AP exam.

COURSEWORK

Currently taking CSE 312 (Foundations of Computing II) and CSE 451 (Operating Systems)

Past CSE courses include 143, 154, 311, 331, 341, 351, 332, and 333.