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, and I am primarily interested in back-end development.

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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 RESTful API and full-stack application for managing Indeed employee information and 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.

Indeed Achieve — *Chrome Extension*

For the Indeed Summer Hackathon, designed a Chrome extension which tracked various actions on indeed.com and would award achievements when goals were met.

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

SKILLS

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

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.