Tyler Bonnell

Hi! I'm a Computer Science major at the University of Washington, currently looking for a software development internship. Some of my interests include CSE education, graphic design, 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 a small class and lab of CSE 142 students
- Grading CSE 142 assignments/exams
- Helping intro students with homework and concepts

EDUCATION

University of Washington — *BS in Computer Science*

EXPECTED GRADUATION JUNE 2018

- 3.6 GPA

VOLUNTEERING

Code.org — *Teaching Assistant*

SEPTEMBER 2014

- Assisted teachers at Rainier View Elementary School in Seattle with teaching basic programming concepts to kids ranging from kindergarten to fifth grade, over the course of several days.

PROJECTS

Chub-Bee — *Android App*

A game I made with Adobe Flash/AIR and published on the Google Play Store. Coded in ActionScript 3.0, with all art and animation also by me.

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 and C#.

Skilled with vector graphic design in Adobe Illustrator.

Have worked with C, Python, Ruby, Haskell, ActionScript, Racket, Prolog, and several other languages.

This quarter, I'm learning JavaScript, PHP, SQL, HTML, and CSS.

ACHIEVEMENTS

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

Rated **4.94/5.0** in terms of teaching skill by the last 142 class 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.