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 class and lab of CSE 142 students
- Grading CSE 142 assignments/exams
- Helping CSE 14x 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 Flash/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.

COURSEWORK

Currently taking CSE 332 (Data Abstractions) and 154 (Web Programming)

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