

Tyler Jensen

4303 8th AVE NE, Seattle, WA, 98105
tylerjensen1107@gmail.com | (253) 279-5901

SKILLS

- Familiar and comfortable with the following languages and concepts
 - Javascript, PHP, C#, SQL, HTML, CSS, XML, JSON, Git, Symphony, Java, Android, Python
- Very experienced working with Java as well as teaching Java at the university level
- Teamwork oriented and passionate about development

EDUCATION

UNIVERSITY OF WASHINGTON, INFORMATION SCHOOL, Seattle, WA

Graduate

Bachelor of Science in Informatics

- Dean's List for 11 quarters
- 3.63 cumulative GPA
- Related Coursework
 - Client Side Web Development (4.0)
 - Data Structures and Algorithms (4.0)
 - Server Side Web Development (3.9)
 - Data Science Methods (3.8)

RELATED EXPERIENCE

WHOTYPE, **FULL STACK DEVELOPER**, Austin TX

Summer 2015

Full stack development internship at a small startup named WhoType in Austin Texas.

- Personality based social media site that used visualizations and big data to let people better understand themselves.
- Back end work was done in PHP using the symfony web framework.
- Front end technologies used included Raphael.js for visualizations and angular.js
- Designed and implemented vital features for the project before launch at every level of the stack.

UNIVERSITY OF WASHINGTON, **INTRODUCTORY COMPUTER SCIENCE TA**, Seattle WA

Fall 2013- Spring 2016

Teacher's Assistant for the two introduction to computer science courses at the University of Washington

- Job Responsibilities : Teaching section (two 50 minute sections), grading assignments, grading tests, and attending tutoring hours. Two courses taught in Java, one course teaches HTML, CSS, PHP, Javascript, SQL.
- Working at this position has given me a deep understanding of the Java language and computing in general
- Concepts covered include binary trees, recursion, efficiency, linked lists, maps, and many other ideas
- Grading code and helping students has drastically improved my abilities involving testing
- Strong skills in presenting, working with others, and articulating computer science related concepts
- Reference: Stuart Reges: Supervisor and lecturer (reges@cs.washington.edu)

RELEVANT PROJECTS

UNIVERSITY OF WASHINGTON, **INFORMATICS 344 (SERVER SIDE WEB DEVELOPMENT)**

Search Engine

Spring 2015

Built a web search engine using a combination of AWS, .NET, and other technologies

- Created a PHP API that would return statistics of all NBA players
- Created a custom Trie-List hybrid data structure so that searches would auto-complete

UNIVERSITY OF WASHINGTON, **INFORMATICS CAPSTONE**

Android Application - "Recommend Me" - Developer

Winter/Spring 2016

Spend 6 months designing and developing an android application with a team of 4 for my Informatics capstone project.

The project relied heavily on data science methods and connecting many different services.

PERSONAL PROJECTS/UNIVERSITY OF WASHINGTON, COMPUTER SCIENCE 154

Web Programming

Built multiple websites using HTML, CSS, PHP, Javascript, and XML

- Built a to-do list using PHP that utilized cookies to remember the user's individual list
- Build a music visualizer using three.js and the Web Audio API
- Built a website which would allow you to show you popularity for a name over time using XML