

"Let me move the earth, while others rage. Just give me a place to stand."

-Archimedes (adapted)

Jake Seawell

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Professional Objective:

To create innovative, effective, and efficient technological solutions in the fields of computer science and software development.

Personal Purpose:

Unparalleled dedication to innovation, excellence, and integrity in every creation and endeavor.

Software/Technologies

- C++
- C
- HTML
- CSS
- JavaScript
- UNIX
- Python
- MariaDB
- SQL
- Node
- Assembly (MASM)
- CAD Experience
 - Autodesk Inventor
 - Solid Works
 - Rhinoceros
- Adobe Suite
 - Photoshop
 - Lightroom
 - Illustrator
- Microsoft/Google Suites
 - Word/Docs
 - Excel/Sheets
 - Power-point/Slides

Soft Skills

- Teamwork
- Teaching
- Communication
- Leadership
- Work ethic
- Life-long learning
- Problem solving
- Design
- Photography
- Well-roundedness
- Competitiveness
- Focus
- Conscientiousness
- Kindness
- Experience
- Analysis
- Curiosity
- Humor

Passion Project

- [Football Play-Tracker App](#) (in-progress)
 - Currently building an app to help coaches track the plays they run, and those run by their opponents, in order to improve in-game play-calling, and post-game analysis.
 - This app is built using HTML/CS/JS, as well as Node, Express, and Handlebars.

My Programs

- [Fugitive Game](#) – C++
- [Photography Website](#) – HTML/CSS/JS
- [Bookstore Database](#) – Node/MySQL/MariaDB
- [Hash-map Spellchecker](#) – C
- Check out more in [my portfolio](#)

Work Experience

- High School Teacher/Coach - Evergreen School District
 - Taught Advanced Math, Honors English, Creative Writing, and Mythology
 - Coached Freshman, JV, and Varsity Football and Baseball
- Other jobs available upon request

Volunteer Experience

- Math and AVID Tutor – AmeriCorps (Partnership for Student Achievement)
 - Full-time tutor in Math & AVID classrooms
 - Daily after-school homework support
 - Community volunteer projects

Education

- Oregon State University – Computer Science – Bachelor of Science
- Pacific University – Arts of Teaching (Advanced Math & English Language Arts) - Masters
- Oregon State University – Psychology of Creative Writing – Bachelor of Science
- University of Colorado at Boulder – Aerospace Engineering – No Degree
- Hillsboro High School – HS Diploma

References

- Teaching
 - Brian Grimsted
brian.grimsted@evergreenps.org
 - Jodi Stevens
Jodi.stevens@evergreenps.org
- Coaching
 - Football – Rory Rosenbach
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 - Baseball – Bob Berent
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- AmeriCorps
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