"**Let me move the e**arth, 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
- Swift
- MariaDB/SQL
- Node
- Assembly (MASM)
- MATLAB
- UX/UI
- Agile
- CAD Experience
  - Autodesk Inventor
  - Solid Works
  - Rhinoceros
- Adobe Suite
  - Photoshop
  - Lightroom
  - Illustrator
- Microsoft/Google Suites
  - Word/Docs
  - Excel/Sheets
  - Power-point/Slides

Soft Skills

- Analysis
- Problem solving
- Teamwork
- Innovation
- Communication
- Work ethic
- Teaching
- Focus
- Experience
- Curiosity
- Design
- Photography
- Leadership
- Life-long learning

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 Xcode, swift, and IOS builder.

My Programs

- Fugitive Game – C++
- Photography Website – HTML/CSS/JS
- Bookstore Database – Node/MySQL/MariaDB
- Hash-map Spellchecker – C
- Check them out (and more) in my portfolio:
  - https://jseawell.github.io

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 – BS in Computer Science
- Pacific University – MAT (Advanced Math & English Language Arts)
- Oregon State University – BS in Psychology of Creative Writing
- University of Colorado at Boulder – 51 credits in Aerospace Engineering

References

- Teaching
  - Brian Grimsted
    - brian.grimsted@evergreenps.org
  - Jodi Stevens
    - Jodi.stevens@evergreenps.org
- Coaching
  - Football – Rory Rosenbach
    - rory.rosenbach@evergreenps.org
  - Baseball – Bob Berent
    - rjberent@hotmail.com
- AmeriCorps
  - Jeri Lerwick
    - jlerwick@fgsd.k12.or.us
  - Sarah Denny
    - dennys@hsd.k12.or.us