

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

-Archimedes (adapted)

Jake Seawell

3085 SE Oak ST • Hillsboro, OR 97123

Phone: (503) 703-9584 • E-Mail: Jacob_seawell@yahoo.com

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)
- 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