"**Let** m**e** mo**v**e the **e**arth, while others **rage**. Just give me a place to stand."
-**Archimedes (adapted)**

Jake Seawell

735 SW Saint Clair Ave. #2007 • Portland, OR 97205
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 each endeavor and creation.

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
- Microsoft/Google Suites
  - Word/Docs
  - Excel/Sheets
  - Power-point/Slides

Core Values

> Education, curiosity, and life-long learning are important to me. I have completed two degrees, with a 3rd near completion, always aiming to further my knowledge and experience in divergent areas of interest to me. I've also used this experience to build teaching and coaching careers, with the hope of sharing my experiences.

> I love to travel, and explore, and absorb. As a hobby, I've developed a love of landscape and drone photography, and my bucket-list of new destinations is ever-growing. I think of new experiences, new people, new cultures, as the truest way to expand one's way of thinking, and one's understanding of our massive world.

> As a child, my free time was spent with Lego bricks in my hands, and stories in my head. Even today, I've maintained a love of design and creation. I love to build, and fix, and tinker, and innovate. It's problem solving, but it's all play to me.

> I am extremely passionate about sports. I thrive on the competition. But more than that, I admire the values required of athletes: work ethic, focus, communication, teamwork, leadership, fellowship. I currently play on an Olympic handball team, I coach, and I umpire baseball. I hope to keep sports in my life until the day I die.

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

- Teaching Assistant – *Currently Employed*
  - Provided office hours, online support, and grading to students in CS-344 (Operating Systems)
- Substitute Teacher – *Currently Employed*
  - Taught a variety of subjects in Elementary, Middle, and High Schools
- 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

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

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