

"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

- 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 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 – 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  
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  - Jodi Stevens  
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- Coaching
  - Football – Rory Rosenbach  
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