

# Jake Engstrom

(503) 752-5726 | jakeengstrom3@gmail.com | github.com/jakeengstrom3 | jakeengstrom3.github.io

Passionate about solving practical problems using technology  
that will improve the lives of the people in my community.

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## Education

### Computer Science, BS

2019-2023 (expected)

Oregon State University - Cascades, Bend, Oregon

GPA: 3.2

- Clubs: Member of Hacker Refactor Computer Science Club, Gaming Club, Paddle Club, Fly Fishing Club
- Relevant Coursework: Operating Systems, Data Structures, Computer Architecture and Assembly Language, Web Development, Analysis of Algorithms, Software Engineering
- Academic Excellence: Finley Academic Scholarship
- Languages and Technical Skills: Python, Java, Ruby, C, HTML, CSS, JavaScript, Git, Android Studio

## Projects

### Android Studio

2019-2020

- Developed finance tracking application for Android devices to catalog user inputs.
- Acquired valuable skills in application development and object oriented programming before my first year in the computer science program.
- Designed and implemented intuitive user interfaces and robust app architectures.

### Processing Java Asteroids Game

2020-2021

- Engineered functional *Asteroids!*-type game to challenge myself to go beyond the scope of classwork, and further improve my skills as a developer.
- Collaborated with peers who provided useful feedback on gameplay which furthered development of the game design.
- Advanced my capabilities in designing code while using design principles from coursework as well as relying on documentation for the Processing graphics API.

## Work Experience

### Student Life Events Coordinator

2022-present

Oregon State University - Cascades, Bend, Oregon

- Oversaw coordination of six campus events for OSU-Cascades students including 136 person off-campus dance.
- Responsible for communications with caterers, venues, and DJs for large campus events.
- Market events through direct communication with a diverse student body along with managing online event pages.

## Leadership

### Eagle Scout

Awarded: 2018

Boy Scouts of America, Troop 35, Tualatin, Oregon

- Conceptualized personal community service projects, fundraised from local community, and led 20+ volunteers over the course of three weeks in the construction of 140 feet of edged gravel path with bench and statute reflection area.
- Communicated troop initiatives and accomplishments to the community during four local events, publicly speaking to a large crowd, leading to the recruitment of new members as well as additional donations.
- Presided over the Patrol Leaders Council as Senior Patrol Leader, working closely with each troop leader to plan and lead weekly troop activities for 20+ scouts along with larger multi-day trips.