

Oliver Elliott

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Education

Oregon State University, Corvallis OR

3.98 GPA

Bachelor of Science in Computer Science, Business Minor

Sept. 2021 - June 2025

Coursework: Operating Systems, Computer Networks, Data Structures, Leadership, Entrepreneurship

Clubs: Rocket Club (Level 1 Certified), FPV Drone Club, Hackathon Club (Won 1st Place 2023 & 2024)

Experience

App Developer

June 2023 - Present

Next Spaceflight

NASASpaceflight.com

- Rewrote rocket launch-tracking mobile application, now with 230,000 monthly users.
- Improved boot speed 500%, added live countdown and advanced filtering options, redesigned UI.
- Worked in Javascript, Swift, and Java for frontend, Python with Django for backend.

Full Stack Software Engineer

Aug. 2022 - Present

OSU Events

Oregon State University

- Initiated and led the design and development of an events and resources app.
- Used by 3,000+ students within the University; other colleges reached out for app expansion.
- Presented app two years in a row to over 1,200 total incoming freshmen.
- Developed React website & React Native mobile app with a node.js and Google Cloud backend.

Starshield Software Engineering Intern

June 2024 - September 2024

SpaceX

Redmond, WA

- Added and improved software support for new Starlink gateway testing infrastructure.
- Developed improvements for usage tracking on production Starlink gateway software.

Projects

Rowing App | Swift, Xcode, React Native, Google Cloud

Nov. 2019 - March 2024

- Created app that uses accelerometers and GPS to show live rowing data, necessary for athletes.
- 2x winner of university's entrepreneurship pitch competition, with \$1,200 prize for first place.
- Used by high school team of over 50 rowers as substitute for expensive hardware.

AutoSnap | Swift, Xcode, Kotlin, Android Studio

May 2021 - July 2022

- Created an auto copy and paste app allowing convenient paste of short phrases in any app.
- Viral app with over 600,000 downloads; created TikToks with over two million views.

LaundryView++ App | Swift, Xcode

April 2022 - Aug. 2022

- Identified need to revamp existing laundry app used by university students on 300+ campuses.
- New app used by over 16,000 students to check open machines and notify when laundry is done.

Technical Skills

Languages: Javascript, Typescript, C/C++, Python, Swift, Java, x86 Assembly, R

Frameworks: React Native, React, Xcode Storyboards, Node.js, Material-UI, OpenMP, CUDA

Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, Xcode, Android Studio, LabView

Communication: Report and Proposal Writing, Formal Presentation, Software Documentation