

# Jonah Biedermann

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2021

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## Skills

- C++ / C, Python, C#, R, HTML/CSS/Javascript (NodeJS, MongoDB, SQL)
  - Web Development and Design, Algorithm Analysis, Game Development, Vector Calculus, Linear Algebra, Neural Network Fundamentals.
  - Adobe Creative Cloud (Illustrator, Lightroom, Photoshop, etc.)
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## Experience

- **Projects:** <https://github.com/jonah0502>
  - Azure SEC Web Scraper
  - Restaurants Review (Yelp Clone)
- **URSA Engage Research Internship 2021 - Present**
  - Studied under Dr. Chet Udell
  - Set up an IoT platform using React, nodeJS, and Docker
  - Maintained a MongoDB Database to collect data from Arduino sensors using C/C++
  - Managed a team of volunteer engineers
  - Used MaxMSP and NodeJS to make an Audio-visualization of MongoDB data.
- **Alpha Epsilon Pi Fraternity Executive Board 2019-Present**
  - *Positions Held:* Scribe, Sentinel, Brother At Large, Philanthropy Chair, Social Media Chair, Membership Chair
  - Risk and Conflict Management.
  - Event Planning / Organizing
  - Note-taking, Bookkeeping, and File Management
- **STEMbassadors 2020-Present**
  - Built, distributed, and taught once restricted technologies to non-engineering students at OSU such as CNC Routers, Laser Cutters, and 3D Printers. Specifically with the focus of facilitating their use within the arts.
- **Lifeguard at the Mittleman Jewish Community Center (2016-2019)**

## Education

### Oregon State University / BS Computer Science

Expected Graduation: June 2023, Corvallis, Oregon

- **GPA:** 3.82
- **Relevant Courses:** Intro to Computer Science I-II, Data Structures, Algorithms, Web Development, Assembly Language Programming, Calculus I-III, and Statistics.

### Sunset High School / High School Diploma

Graduated June 2019, Beaverton, Oregon

- **Relevant Courses:** Game Development 1 & 2
- **Extracurriculars:** Marching Band, Jazz Band, Funk Band, Swim Team, Music Production Club, Homework Club