

# Lucas Jensen

509.366.0481 | lucas.p.jensen10@gmail.com | [github.com/ljensen505](https://github.com/ljensen505) | <http://lucasjensen.me/>

## SKILLS

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- **Languages** | Python, Javascript & TypeScript, HTML/CSS, SQL, C, C#
- **Frameworks & Databases** | Express, MongoDB, MySQL, Flask, FastAPI, Node
- **Technologies & Environments** | Visual Studio, PyCharm, Git & GitHub, Linux, CI/CD, Agile
- **Strengths** | Communication, learning, leadership, problem-solving, time-management
- **Skills** | Data Structures, RESTful API Development, unit tests, Networks, Data Management, deployment with NGINX, Google Cloud

## EDUCATION

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<b>Oregon State University</b> <i>Bachelor of Science in Computer Science</i>	GPA ~ 3.9 Dec 2023 (anticipated)
<b>San Francisco Conservatory of Music</b> <i>Master of Music</i>	June 2016
<b>New England Conservatory</b> <i>Bachelor of Music</i>	June 2014

## EXPERIENCE

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<b>Software Engineer Intern</b> <i>Cvent</i>	Summer 2023 <i>Hybrid WFH / Portland Office</i>
<ul style="list-style-type: none"><li>• Work With React &amp; TypeScript alongside a team of developers to meet deadlines and work through tickets.</li><li>• Maintain constant contact with POs and Leads while participating in scrum ceremonies, including opening and reviewing PRs, and testing.</li><li>• Work with SLIs to monitor application health and standardized data reporting</li><li>• Regularly demonstrate work to the team and provide feedback to team member's demonstrations.</li></ul>	
<b>Undergraduate Teaching Assistant</b> <i>Oregon State University</i>	Sept 2021 - Present <i>Remote</i>
<ul style="list-style-type: none"><li>• Assist teaching students in Intro To Computer Science I &amp; II, and Software Engineering II while practicing good teamwork to manage a class of 300+ students</li><li>• Hold regular office hours, and adhere to grading deadlines</li><li>• Intro to CS I &amp; II topics included: Git, Pycharm, Object Oriented Programming, and general Software Development processes.</li><li>• Software Engineering II topics included: continuous integration &amp; continuous deployment, unit testing, random testing, and test driven development.</li></ul>	
<b>Admin Asst: Data Automation</b> <i>White Bird Clinic</i>	Apr 2021 - Present <i>Remote</i>

- Used Python to automate processing of clinical data, bringing processing time for a 300 person clinic down to 10 minutes.
- Automated data exchange with Oregon's statewide immunization database, cutting data input time by 95%.
- Write unit tests to verify and maintain software
- Problem solving for a variety of topics within the team, which may or may not be software related.

### **Summer Internship: Operations Assistant**

Jul 2017 - Aug 2017

*Festival Mozaic*

*San Luis Obispo, CA*

- Coordinate a group of volunteers at various concert locations, showing leadership to ensure smooth operation during events.
- Communicate with performing musicians to make sure everybody is up to speed on the day's events
- Assist in building and tearing down production equipment

### **Orchestral Trombone Player**

Sep 2014 - Jan 2021

*Various Ensembles*

*West Coast*

- Performed with various orchestras throughout the Bay Area, Washington, and Oregon to help execute performances of the highest caliber.
- Doubled with different instruments as needed.
- Strictly adhered to schedules where being late was not an option.

## PROJECTS

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### **Portfolio Home** | [Lucas Jensen](#)

- Hosted from my living room using a Raspberry Pi 4 Model B
- Served using port-forwarding and NGINX, built with React and MUI
- Local instances of MongoDB and MariaDB

### **Chess with Pygame** | <https://github.com/ljensen505/ChessPvP>

- Fully built from scratch with all rules implemented.
- Users can play against each other over a local network.
- Data persisted using pickling.
- Built for BeaverHacks Spring 2022, and OSU hackathon
- Online multiplayer under development using FastAPI

### **Artist Website** | [The Grapefruits Duo](#)

- A full-stack web application using Bootstrap, Flask, Sqlite, custom CMS, and Auth0
- Enables the public to get info about the artists, including upcoming concerts
- Custom CMS allows the website owner to modify their attributes independently

### **Immunization Data Processing Automation**

- A Python script for automating processing of bulk patient data and interface with Oregon's state immunization database, ALERT IIS
- Saved hundreds of man hours of manual data processing.
- Written for and in use by White Bird Clinic in Eugene, OR