

# Luke Bray

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## EDUCATION

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### Oregon State University

Corvallis, OR

*Bachelor of Science, Computer Science, Minor in Business, GPA: 3.66*

*Sep. 2018 – Dec. 2022*

*Relevant Course Work: Web Development, Discrete Structures, Data Structures, Databases*

## TECHNICAL SKILLS

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**Languages:** Python, JavaScript, HTML/CSS, SQL

**Frameworks:** React, Node.js, MongoDB, Bootstrap, Express.js, Material-UI

**Developer Tools:** Git, Unix, VS Code

**Libraries:** Tkinter, NumPy

- Proficient skills in full-stack development.
- Good understanding of data structures and algorithms.
- Well versed in Agile workflow and technical writing.

## EXPERIENCE

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### Linn Benton Community College

December 2019 – May 2020

*Student Developer*

*Albany, OR*

- Developed a computer science curriculum for nearby schools in Benton county.
- Worked with a team of professors from Linn Benton's Computer Science department.

### Mt. Bachelor Sports Education Foundation

Oct. 2018 – May. 2019

*Freestyle Ski Coach*

*Bend, OR*

- Led private and large class lessons, with as many as 10 people.
- Fostered the skill development and confidence in students.

## PROJECTS

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### **SURGE** | *React, Bootstrap, Python, Firebase, AJAX*

- Social media based platform that controls use of entertainment based on physical activity.
- Surge links to your phone or IOT wrist device (Fitbit, Apple Watch, etc...) and, using its own Chrome browser extension, 'releases' content that is important to the user when they complete the challenges.

### **COVID-19 Blog** | *HTML/CSS, JavaScript, Node/Express.js, MongoDB*

- Full-stack application that allows students to communicate through a discussion board.
- Client interface communicates with app's server to perform CRUD on the back-end.

### **Automated File Sorting** | *Python*

- Python script that sorts a selected folder by any given parameters.
- Used the fundamental principles of data structures and algorithms to accomplish this.

### **Weather Scrape** | *Python*

- Terminal based python application that retrieves weather data based on a given location.
- Data used in this application is pulled from a public weather API.

## ACTIVITIES

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**HackPrinceton 2021**, 1st Place Overall, 1st Place for Best Use of Google Cloud

**Adaptive Technology Engineering Network**, Club Member

**Sigma Chi**, Beta Pi Chapter Member

**McLean House volunteer**, Indoor and Outdoor Venues

**Nike**, Global Technology Collegiate Experience