Luke Bray

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EDUCATION

Oregon State University   Corvallis, OR
Bachelor of Science, Computer Science, Minor in Business   *Sep. 2018 – **Dec. 2022***

Relevant Course Work: Analysis of Algorithms, Discrete Structures, Data Structures,
Software Engineering, Intro to Databases, Usability Engineering, Web Development

WORK EXPERIENCE

Linn Benton Community College   December 2019 – May 2020
Student Developer   *Albany, OR*
- Developed a computer science curriculum for nearby underprivileged schools in Benton County
- Utilized leadership and communication skills to integrate our CS curriculum alongside teachers
- Organized meetings to train teachers on different course content within the curriculum

PROJECTS

Big Data and Microcontrollers | *Python, Spark, Docker, React, Jupyter notebooks*
- Big data analysis on a budget using Apache Spark clusters on Raspberry Pi's
- Created a deployment pipeline to containerize data into jupyter notebooks

Eco-Shopping Extension | *Python, Flask, Bootstrap, Google-vision library*
- Google Chrome extension that leverages the Google-Vision library and Etsy API to find sustainable alternatives while online shopping

Local Food | *JavaScript, Bootstrap, Node.js, Google-Cloud*
- Chrome extension that recommends local eats in your area to combat chain dominance in SEO
- Utilized Googles natural language processing API to scrape and feed data to the YelpFusion API

Motivated Fitness | *React, Bootstrap, Python, Firebase*
- Social media based platform that controls use of entertainment based on physical activity
- Links to your phone or IOT wrist device and unlocks entertainment after completion of activities

WikiScraper | *Python, Flask, Bootstrap, API*
- Web Application takes user input, pulls data via the Wikipedia API, and displays it on the UI in multiple languages using the Google translate API

TECHNICAL SKILLS

Languages: Python, Swift, JavaScript, HTML/CSS, SQL
Frameworks: Flask, Node.js, React, MongoDB, MySQL
Developer Tools: Docker, Git, VS Code, XCode
Libraries: SwiftUI, UIKit, Tkinter, Selenium
Other: NoSQL Databases, Agile Development, Unix, Windows

ACTIVITIES

HackPrinceton 2021 — 1st place overall out of 200 participants, 1st place best use of Google Cloud
Pinnacle — "Olympics of Hackathons", 2nd place for the use of Stellar Protocol
Adaptive Technology Engineering Network — Club Member
Sigma Chi — Beta Pi Chapter Member
Nike — Global Technology Collegiate Experience