

Alec Springel

University of Oregon,
Computer & Information
Science Student

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702-290-0858

About

A problem solver at heart, I enjoy finding creative solutions for businesses through programming and thoughtful design. I'm a firm believer that every problem has a solution, and that with hard work, you can learn to do anything.

Education

2018 - June, 2021 (ongoing)

B.S. Computer & Information Science,
University of Oregon

2016 - 2018

Minor in Chemistry,
University of Oregon

Experience

2019 - Present

Founder, Last Layer LLC

I started Last Layer after gaining traction with my app farmPlot, which helps cannabis farms comply with government regulations and reporting. The app is certified by Metrc in Oregon, and utilizes their API to extend the functionality of their reporting system which is required by state law. farmPlot helps this growing industry by providing additional data, tools, and analytics that are not offered by Metrc.

2018 - 2020

Marketing Manager & Referee, Diamond Hill Paintball

What originally began as a job as a referee at a local paintball field, my position at Diamond Hill Paintball grew as I created new ideas to improve the facility. I worked with the owner to write a Python program with a simple GUI to manage players who have checked in and payed. I created graphics and helped market the field through its online presence. This work inspired me to do freelance work for other businesses.

June 2017 - September 2017

Marketing & Engineering Intern, 209 Group & Mocap Solutions

Worked alongside the CEO to streamline workflow, manage and find new accounts, create marketing campaigns, advertise customer products at events, and manage client data.

References

Tom Armbruster,
CEO, 209 Group
& Mocap Solutions
Cell: +1 (949) 533-0539

Audrey Whiddon,
Owner,
Diamond Hill Paintball
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Skills

- The desire to learn (self-starter)
- JavaScript & Python (background in C)
- NodeJS, ReactJS, React Native, Electron
- REST APIs, GraphQL
- MongoDB, currently learning MySQL
- Adobe XD, Figma, Postman
- AWS EC2, Cloudfront, S3, Route 53

Projects & Awards

2019 - Present

farmPlot - ReactJS, React Native, NodeJS, GraphQL, Electron, Redux, AWS EC2

farmPlot extends Metrc's API to allow cannabis farms to extract more data from their facility. The app features authentication, push notifications, data visualization and tables, custom tools for use with RFID/barcode scanners, and so much more. The app is currently being used by one of the largest licensed facilities in Eugene, and is being adopted by another facility in Nevada. The repository for the project is private, but I would love the opportunity to demo it.

October 2020 - Present

"Hack for a Cause" BRING Recycling Winner - ReactJS, NodeJS, RESTful API, AWS EC2/S3

Led a team of three to win the Fall 2020 "Hack for a Cause" challenge for BRING Recycling, a local non-profit in Eugene. BRING was receiving hundreds of calls from potential donors each month, and was having trouble deciding what items could be accepted over the phone. BRING wanted a web portal designed rethat allowed donors to upload photos with descriptions so employees could respond to the items with a yes or no. They described the project as a "Tinder for stuff". In 4 days, our team created a fully functioning prototype that included authentication, an admin portal for responding, and an elegant photo storage solution through AWS S3. The first production iteration of the app will be launched this week.