

## Recent Projects

### Alpaca Vids!

Jan. 2020 to Feb. 2020

- Collaborated with a team to create a video platform to record practice interviews
- Built several back-end endpoints and middleware in Node with Jest testing
- Created React component features such as modals to update users and teams
- Established front end verification for user role permission-levels
- Used Redux and React Context for state management

### African Marketplace

Dec. 2019

- An eCommerce demo site for buying and selling goods
- Built entire back-end server using Node & Express
- Created test environment with Jest

### Use-My-Tools

Nov. 2019

- Developed a resource sharing app for exchanging tools using React & Redux
- Built user authentication, designed component layout & state management
- Senior front-end architect, managed junior front end developers

## Experience

### Pearl Buck Center Job Coach

Eugene, OR  
Feb. 2018 to Mar. 2019

- Coached and trained developmentally disabled workers
- Facilitated client interactions with managers and coworkers
- Developed job aid material for job processes

### Lam Research Industrial Engineer

Tualatin, OR  
Oct. 2015 to Oct. 2016

- Oversaw the implementation of a new worker training program
- Facilitated value stream mapping exercise to document entire warehouse process
- Conducted improvements focused on quality, safety, and efficiency in logistics dept

### AllenCo: Design It, Build It! Carpenter

Eugene, OR  
Aug. 2013 to Sept. 2015

- Daily problem-solving, planning, and work flow sequencing
- Built new homes and remodeled existing homes according to custom design
- Engaged with manager and customers on short and long term goal priorities

### Boeing Company Lean Improvement Facilitator

Seattle, WA  
July 2006 to July 2013

- Conducted time studies and manufacturing schedule planning
- Implemented factory-wide efficiency and organizational methodology
- Facilitated process improvement workshops with management, labor, and engineers

### US Marine Corps Sergeant / Heavy Equipment Chief

Eugene, OR & Iraq  
June 2000 to June 2006

- Supervised a team of 10 personnel
- Led construction projects to build basic infrastructure
- Performed heavy equipment operations in support of combat engineering unit

## Volunteer

### Water Resources Project · Team Lead Mbale, Uganda

Mar. 2014 to Mar. 2015

- Built a sustainable, clean water source for a village of approximately 1000 people
- Led team of 4 people to fund-raise, research, and build water source

## Contact

✉ allensam88@gmail.com

☎ 760-298-9213

📍 Pacific Northwest & Remote  
in allensam88

🔗 allensam88

## Skills

### CODING LANGUAGES

JavaScript

Python

SQL

### FRAMEWORKS

React / Redux

Node / Express

Jest Testing

### PROJECT MANAGEMENT

Team & Workshop Facilitation

Planning & Scheduling

Labor Estimating

### INDUSTRIAL ENGINEERING

Process Analysis & Time Studies

Workforce Training Programs

Quality Control Metrics

Facility Design

### CONSTRUCTION

Design Collaboration

Hands-on, Detailed Labor

Labor & Material Coordination

### GEOGRAPHIC INFORMATION SYSTEMS

ArcGIS

Map Design

## Education

### Lambda School Sept. 2019 to June 2020

Full Stack Web Development

### University of Oregon Apr. 2018 to Mar. 2019

BS Geography

### Oregon State University Sept. 1997 to June 2002

BS Industrial Engineering