

Alexander Franklin
Portland, Oregon

PAlexanderFranklin@gmail.com
509-930-9363
<https://github.com/RoaringDragon2>

Technical Skills

Languages: JavaScript, HTML5, CSS, Python, AppleScript

Frameworks and Technologies: React, Redux, Git Version Control, Basic AWS, GraphQL, Node.js

Personal Projects

Factorio recipe tree viewer:

React app to assist with calculations of required throughput for Factorio.

- Working in a team with source control
- React lifecycle methods, hooks, maps, and sets.

Gravity simulator:

Platformer wherein the screen and direction of gravity can be rotated.

- Scratch visual block-based language
- Momentum
- Collision detection
- Mapping internal coordinates to the screen

Programming logic in games:

- TIS-100: Writing assembly style code with limited quantities of lines
- ExaPunks: Writing assembly style code
- SpaceChem: Visual programming of assembly machines
- Minecraft: Working with binary logic gates using redstone

Education

SAT Mar 2019

- Score 1390
- English 670
- Math 720
- 94th Percentile

High School Diploma Apr 2020

- HomeSchooled
- Differential and Integral Calculus

Arizona State University Bachelor of Science in Software Engineering Est. 2024

- Starting classes in the fall semester

Work Experience

Harvest Homes

Maintenance Sep 2018-Present