

gabe.anderson.jobs@gmail.com  
+1 (206) 503 3994

**Gabriel Anderson**  
andgate.github.io

github.com/andgate   
linkedin.com/in/andgate 

## Objective

---

Functional programming expert looking to develop frontend software on a strong team, delivering a stable product to passionate customers.

## Education

---

Central Washington University, Ellensburg, WA  
Bachelor of Computer Science, June 2019  
Concentration in Graph Algorithms and Graphics  
Minors in Mathematics  
G.P.A. 3.7

## Experience

---

- Intern Software Developer**      NRS Systems, Yakima, WA      Winter, 2018
- Developed a Google Calender widget in javascript, which accessed user data via Google's OAuth service.
  - Team collaboration which consisted of bi-weekly meetings and pair programming assignments.
  - Applied functional programming to process reoccurring event rules (rrules) in a clean, understandable fashion.
- Research Assistant**      Central Washington University, Ellensburg, WA      Spring 2019
- Researched graph algorithms under Dr. Arne Leitart.
  - Contributed via directed research in the search to find a more efficient k-dominating set approximation algorithm..
  - Peformed TA duties for a specialized graph algorithms course, such as grading assignments, helping students during lab, and responding to emails.
- Software Developer**      SMART Technologies, Seattle, WA      August 2019-Feb 2021
- Agile, SOLID, Azure Devops
  - Android application, c++/java/kotlin, MVVM
  - Webapps, nodejs, react, vuejs
  - Team had mix functional and object-oriented approach

## Projects

---

- Alonzo**      <https://andgate.github.io/alonzo>
- Lambda calculus interpreter and repl written in Haskell.
- solid-orbit**      <https://www.github.com/andgate/solid-orbit>
- NPM package with solid-js hooks and components that provide an oribt-js data-layer.
- Mandelbulb Explorer**      <https://andgate.github.io/mandelbulb>
- Raytracer with signed-distance field for mandelbulb written in glsl.
  - Uses sfml to provide interactivity.

## Skills

---

- Languages: Java, Kotlin, C, C++, C#, Python, Haskell, Swift, Typescript, Javascript
- Tools: git, npm, webpack, firebase, docker
- Frameworks: React, Vue, Solid, kotlin-flow, pytorch