GAGE K. PETERSON

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Skills

Elixir, JavaScript (React.js), Ruby, Postgres, GraphQL, Event Sourcing

Job Experience

Podium - Full-Stack Software Developer

August 2016-now

- Being the long-standing programmer of the wildly successful Webchat product, helping them to:
  - Make a widget that would have to protect itself against JavaScript and CSS on any website.
  - Achieve tiny download sizes of the JavaScript bundle
  - sub 100 milliseconds response of the **Elixir** Webchat server.
  - No outages after over a year of running.
  - Webchat can be seen all over the internet like on the Utah Jazz's ticket purchase page.
- I've been able to mentor 5+ new engineers on my various teams at Podium helping them learn Elixir and even advanced concepts like Event Sourcing.
- Spoken at 2 conferences:
  - Open West (no video sadly)
  - Reason Conf 2019 in Vienna Austria
  - many other internal talks at Podium
- Being chosen to go to Founders Club in Maui, a yearly retreat for the highest performing employees of Podium (Thanks Podium 😄 !)

Instructure - Software Engineering Intern

May-September 2015

- Improved reporting by implementing an abstraction over Google Analytics that worked both with **React.js** in the single-page application
- Eased the pain of coordinating who was riding on the vanpool by creating an web application that allowed users to easily see if the vans had a driver and who was going. Written in **Elixir**.
- Educated on practical ways to use **Functional Programming** to write more *modular* code and *testable* code by giving two Technical presentations.

Kyäni - Software Engineering Intern

September-October 2013

- Increased the usability of a customer facing page by rewriting it as an interactive single-page application. Written in **JavaScript.**
- Encouraged a culture of code reviews by holding the first one reviewing my own code

Butterfly Oils - Software Developer

June-October 2013

- Improved the buying experience of costumers by developing an ecommerce website that allowed users to easily find essential oils by illness and have a streamlined checkout process with PayPal. Written in PHP utilizing the Laravel framework.

Education

Brigham Young University–Idaho

Bachelor of Science – **Computer Science** *3.4 GPA*

Graduating: **July 2016**

ACM Vice-Chair - Winter 2015 Semester

Sample Projects

Budget - A simple command-line program to keep track of a budget. Written in **Elixir**

TextBoxes - A modular rich content editing system using **JavaScript** and **React.js**

Jarl - A game made in pure **JavaScript** and CSS3 transitions for the js13KGames competition. It uses prototypal inheritance heavily

Mini-Journal - command-line based journaling program that allows you to easily catch up any missed days, written in **OCaml**