

Résumé of Gage K. Peterson

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Education

Brigham Young University–Idaho

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

Graduating: **July 2016**

ACM Vice-Chair - Winter 2015 Semester

Areas of Interest:

Machine Learning & Data Mining, Artificial Intelligence, Server-Side Web development, Networking, Algorithms and Complexity

Software Development Projects:

- **SENIOR PROJECT: CogLang** - A programming language interpreter. Written in OCaml
- **Sudoku solver** - A Sudoku solver that uses backtracking and arc-consistency. Written in ELisp
- **FoodNanny** - A inventory tracking system for restaurants. Written in Java
- **FoodNotes** - A web application created with two other students that tracked food allergies. Written in Java

Skills

JavaScript, React.js, C++, OCaml, Ruby, Java, Python, Elixir, Git

Job Experience

Sterling Medical - Software Developer

January 2016-Present

- Developing a mobile app using the Ionic framework

BYU-Idaho - Teacher's Assistant

September-December 2015 - Graded and Tutored on Data Structures and Object Oriented Development assignments

Instructure - Software Engineering Intern

May-September 2015

- Created a new van pool coordination system to replace a manual process
- Created a Google Analytics adapter that worked in React and Ember
- Presented 2 technical talks on functional programming principles

Kyäni - Software Engineering Intern

September-October 2013

- Initiated usability tests in the design process
- Authored a multilingual, single-page application in JavaScript

Butterfly Oils - Software Developer

June-October 2013

- Independently developed a content management system for selling essential oils

Sample Projects

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

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

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

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

More on my Github

```
$ git clone https://github.com/justgage/resume # <- view this resume in Markdown/HTML
```