

GAGE K. PETERSON

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Education **Brigham Young University–Idaho** Graduating Spring 2016
Bachelor of Science – Computer Science **3.5 GPA**

Software Development Projects:

- **SENIOR PROJECT: Programing Language Interpreter** - Written in OCaml using Monads
 - **Sudoku solver** - Written in Lisp, using backtracking and arc-consistency
 - **FoodNanny** - A inventory tracking system for restaurants, made for a sponsor
 - **FoodNotes** - A project created with 2 other students that tracked food allergies
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<i>Skills</i>	C++	Ruby	React.js	MySQL
	Clojure	Elixir / Phoenix	OCaml	JavaScript

Experience **Intern** - Instructure, *education company making Bridge and Canvas* May-September 2015

- Removed a great amounts of duplication in tests via writing a Ruby DSL
- Created a new van pool coordination system to replace a manual process
- Created a Google Analytics adapter that worked in React and Ember
- Presented to co-workers through giving 2 technical talks on functional programming principles

Intern - Kyäni, *international nutraceutical company* September-October 2013

- Instigated a code review
- Initiated usability tests in the design process
- Authored a multi-lingual, single-page application in JavaScript

Webmaster - Butterfly Oils, *essential oils distributor* June-October 2013

- Independently developed a content management system for selling essential oils

Service & Community **Developmental Technician** - The Adventure Center March 2012-December 2013

- Assisted adults with disabilities learn life skills
- Completed paperwork in 3-4 minutes accurately
- Stuck to a rigours schedule

Volunteer Representative - The Church of Jesus Christ of Latter-day Saints February 2009-2011

- Looked over 20+ representatives, including providing training on a weekly basis
- Contacted approximately 200 strangers per day
- Spoke in front of 200-300 people bimonthly

Personal Projects Mini-Jornal May-September 2015

- An easy, git like, micro-journaling application written in OCaml

TextBoxes July 2014-Present

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