

## Contact

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## Home

7940 Koura Road • Bainbridge Island, WA • 98110

## EXPERIENCE

### **Google - Nest, Frontend Engineer, Palo Alto, CA**

September 2015 – December 2015

Worked on developer.nest.com, the portal for developers to use Nest's API  
Ember.js (ES6) using Sass, BEM, with Rails backend  
Emphasis on clean, reusable, and fully-tested code using Agile work methodology

### **Zazzle, UI Software Engineer, Redwood City, CA**

January 2015 – May 2015

Worked on internal tools within the Zazzle UI team  
AngularJS using Material Design in .NET with MySQL database  
Completed two projects beginning to end, including research, design, and development

### **Electronic Arts, Software Engineer, Vancouver, BC**

May 2014 – September 2014

Agile scrum, RESTful, frontend web development  
Mainly developed AngularJS, occasionally assisted in backend PHP with Solr database

### **BC Hydro, Project Management, Vancouver, BC**

September 2013 – December 2013

Grid Operations – technology side, project management  
Communicated with project members, prepared documentation all in Microsoft Suite  
Created 100 page strategy document, multiple Excel macros, and Perl scripts

### **Gumstix Inc, Growth Hacker, Redwood City, CA**

January 2013 – May 2013

Frontend and backend web development in Symfony2 using JQuery and PHP  
Assisted in design, development, and optimization of multiple web apps  
Implemented multiple APIs, including Google Analytics and Google URL Shortening

### **NextBestSong, Cofounder, Waterloo, ON**

Winter 2012 – Present

Partnered with classmate, USC student, and former Microsoft employee  
One of 15 groups accepted into Enterprise Co-op at the University of Waterloo  
Created UI, UX, and overall data-driven site - Beta release put on hold

### **Kumon Learning Center, math assistant, Bainbridge Island, WA**

2008 – 2009

Graded and organized math homework  
Assisted students in varying levels of mathematics

## PROJECTS

### **PadPiper Student Housing App**

Creating responsive Django/AngularJS web app with Postgres, Gulp build automation, Sass Material Design interfaces allows students to connect, find housing, and roommates

### **Hack the North, Waterloo, ON**

Created Myo hack that allows for hands free internet browsing using the Myo armband  
Built Chrome extension to navigate popular sites by mapping gestures to keyboard shortcuts

### **Cal Hacks, Berkely, CA**

Built responsive React Native web app to show users how to burn off calories from any food  
Used Material Design with Django backend and Wolfram Alpha API

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## TECHNICAL SKILLS

**Languages:** Javascript (ES6), JQuery, HTML5, CSS3, Sass, PHP, Ruby

**Frameworks:** AngularJS, Ember.js, Node.js, Symfony2, Rails, Meteor

**Tools:** Atom/Sublime, Git, Grunt, Gulp, NPM, Bower, Nginx, Photoshop

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## EDUCATION

### **4<sup>th</sup> Year Management Engineering, University of Waterloo**

September 2011 – Present

University of Waterloo President's Scholarship

Faculty of Engineering Entrance Scholarship

### **Bainbridge High School, Bainbridge Island, WA**

Graduated June 2011

WA Honors Award, Advanced Placement Scholar Award

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## INTERESTS

### **Soccer**

University of Waterloo Men's Varsity Soccer first string, 2012

High School Junior Varsity and Varsity grades 9-12, state runner-up 2011

### **Skiing**

Member of Osler Bluff Ski Club, 1995 – Present

Competed in Ski Racing, 2000 – 2003

### **Running**

Completed the Toronto Waterfront Marathon, October 2012

Completed the Wasaga Beach Half Marathon, September 2012

### **Tennis**

Member of Bainbridge Island Tennis Club, 2005 – 2011

USTA Junior Tennis Team, 2008 – 2010

### **Piano**

2000 – 2009: National Music Certificate/Royal Conservatory of Music Examination Grades 1-6, including Rudimentary Theory, First Class Honors with Distinction