

# Nathan Willson

Full resume at [resume.nathanwillson.com](https://resume.nathanwillson.com)

Email: [contact@nathanwillson.com](mailto:contact@nathanwillson.com)

Phone: 080-5019-9889

Resume: [resume.nathanwillson.com](https://resume.nathanwillson.com)

Code: [github.com/nbw](https://github.com/nbw)

## ABOUT

Full-stack web developer from Vancouver, Canada. Moved to Japan in April of 2019 to connect with my Japanese ancestry. Completing 12 months of full-time business Japanese at [Nichibei Kaiwa Gakuin](#).

## WORK EXPERIENCE

### AppColony, Victoria — Developer

Jan. 2017 - Mar. 2019

Worked as a full-stack developer with a team on a SASS scheduling product called [Makeshift](#). The product had a browser-based admin component, mobile apps for employees, and integrated with a number of 3rd-party payroll API's.

The product is made predominantly with Ruby on Rails, Heroku, Git, JQuery, React, Circle CI, and Elixir.

### Bandcamp, Remote (based in San Francisco) — Support Maven

Feb. 2014 - Aug. 2016

As a member of the support team, my primary role was to aid artists and fans with the site. Though a support role, the job required knowledge of SQL, HTML/CSS/Javascript, etc.. Having a technical background I also worked internal admin tools written in Ruby/Javascript (knockout.js), Subversion, etc..

More work experiences are available at [resume.nathanwillson.com](https://resume.nathanwillson.com)

## EDUCATION

### University of Victoria, Victoria — Bachelors of Electrical Engineering

Sept. 2008 - April 2013

Specialization in digital signal processing (DSP). As part of my degree I completed four internships with a focus in audio & acoustics.

### University of British Columbia, Vancouver — Student

Jan. 2012 - April 2012

Semester at UBC where I completed a research internship and enrolled in an acoustics course taught by Dr. Murray Hodgson.

## PROGRAMMING SKILLS

- Ruby, Rails ☆☆☆
- Elixir, Phoenix ☆☆☆
- Javascript ☆☆☆
  - React ☆☆☆
  - Vue.js ☆☆☆
- HTML/CSS ☆☆☆
- Git, CircleCI, VIM
- Postgres, MySQL
- Heroku, AWS, DigitalOcean
- Golang, Crystal, Swift ☆

## JAPANESE LANGUAGE SKILLS

### [Nichibei Kaiwa Gakuin](#): Yotsuya

April, 2019 - Mar., 2020

- Full-time business Japanese
- Completed Intermediate levels I, II, and III
- Completing Advanced I

JLPT N2: Writing in June, 2020

JLPT N3: Passed in June, 2019

### Coto Language School: Idabashi

Sept, 2015 - Nov., 2015

- 8 weeks of the full-time program

### South Delta Secondary: Vancouver

Sept, 2004 - June, 2006

- Japanese in high school

### Steveston Japanese School: Vanc.

1997 - 2008

- Japanese language school I attended as a child.

## PROJECTS

For projects, visit [resume.nathanwillson.com](https://resume.nathanwillson.com) and/or [github.com/nbw](https://github.com/nbw)

- **WhenToChat** ([slack.whentochat.co](https://slack.whentochat.co)): A chat productivity tool that integrates with Slack
    - Elixir/Phoenix, Vue.js, TailwindCss,
  - **TreeLib** ([treelib.ca](https://treelib.ca)): A collection of high quality tree photographs for educational purposes
    - Elixir/Phoenix, React.js, originally Ruby (Sinatra)
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## VOLUNTEER

### **Victoria Nikkei Cultural Society**, Victoria

Primarily been involved with modifying VNCS's website to support online registration and payment. Up until that point membership was accomplished in-person or by mail, which is still the case for most other Japanese Canadian groups across Canada including Vancouver.

Additionally helping at numerous events, like Obon matsuri.

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### **Ladies Learning Code**, Victoria

Volunteering at Canada Learning Code as a mentor teaching programming to adults and youth.

- Machine Learning Workshop
  - Girls Learning Code: Webmaking with HTML & CSS (For ages 9-12)
  - Javascript for Beginners
  - And more..
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## REFERENCES

Available upon request.