



# Kanoa Haley

Software Developer

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🌐 evilkanoa

in Kanoa Haley

## // PROFILE

Seeking a high-speed software development position that encourages constant learning and requires bountiful creativity. Getting my toes wet in the world of software development left me with a powerful passion and drive to innovate, create, and improve. I have a strong skill set in full-stack development, with recent specializations in React web apps and JavaScript micro-service development.

## // LANGUAGES

JavaScript, Clojure, Kotlin, C, Java

## // FRAMEWORKS

React, Redux, Android, Angular, Compojure

## // TOOLS

Node, Git, GraphQL, MongoDB, Postgres, Redis, Gerrit

## // INTERESTS

### Climbing //

Involved in competitive climbing from 12 - 18 years old. Nowadays I spend my time on big wall traditional and sport climbing. I have completed many Grade III routes that involve at least 8 hours of time on the wall and generally are over 200m tall.

### Slacklining //

Started slacklining in the summer of 2017, finished my first highline in spring of 2018, and started a Guelph-based slackline group in fall of 2018. I'm now pushing my records continuously.

## // AWARDS

### Code to Win //

Placed in finals for the past 3 years.

### Climbing //

Placed 2nd provincially for 2 years consecutively in 2015 to 2016 and placed 22nd nationally in 2016.



## EXPERIENCE

### SOFTWARE DEVELOPER // MAGNET FORENSICS [ May 2019 .. Aug 2019 ]

- Developed and maintained digital case orchestration software which allowed forensics labs to complete **6x more cases**.
- Redesigned the build and optimization systems from the ground up using **Webpack 4** causing a **50% reduction in compile times** and a **90%+ reduction to bundle sizes**.
- Implemented a new set of granular data controls resulting in **doubling the amount of supported software**.

### SOFTWARE DEVELOPER // MAPPEDIN [ May 2018 .. Apr 2019 ]

- Improved and maintained over **5 micro-services** for **map design, maintenance, and deployment** software in numerous technologies including **React, Express, and MongoDB**.
- Refactored an **internal platform model** to improve data organization and relations requiring changes to **600+ venues** resulting in the cleanup and removal of over **100 entities of duplicated data**.
- Created **time-based events** within the company's data. **Events and time-based states** are now used by over **50% of clients** and allowed a **decrease in data editing times**.

### SOFTWARE DEVELOPER // ZEITSPACE [ May 2017 .. Aug 2017 ]

- Developed **3 full-stack applications** in **React, AngularJS, and Angular 2** with each supporting upwards of **5,000 users**.
- Designed and taught creative workshops for programming in modern languages such as **Kotlin** for groups of **10 to 20 developers**.
- **Worked directly with clients** on projects to **iteratively improve** and refine **Android** and **Web** experiences.

### SOFTWARE ARCHITECT // GAMED ACADEMY [ May 2014 .. Sept 2016 ]

- Lead development of **2 full-stack education software suites** for use by teachers with support for over **2,500 students**.
- **Decreased administration effort** by over **90%** and increased the **maximum students per semester** by a **factor of 10**.



## EDUCATION

### COMPUTER SCIENCE // UNIVERSITY OF GUELPH [ Sept 2016 .. expected Apr 2021 ]

Bachelors of Computing, Computer Science (Co-op)  
Mathematics Minor - 3.7 / 4.0 GPA

- **University of Guelph Entrance Scholarship**; admission average above 90%
- **Specialist High Skills Major Scholarship** in Information and Communications Technology



## PROJECTS

### WEBADVISOR-API // GPL-3.0 [ 2019 ]

Available at: [github.com/evilkanoa/webadvisor-api](https://github.com/evilkanoa/webadvisor-api)

In conjunction with **MyCourseSchedule**: [github.com/evilkanoa/MyCourseSchedule](https://github.com/evilkanoa/MyCourseSchedule)

- Provides a **GraphQL API** to interact with university course calendars and registers.
- Allows instant access to **live course and section information** for multiple universities.

### WEB RESUME // MIT [ 2018 ]

Available at: [github.com/evilkanoa/WebResume](https://github.com/evilkanoa/WebResume)

- Create a resume using an online editor with a **JSON-based data format ready for print**.
- **Collaboration mode** with live editing and saving powered by **WebSockets** and **MongoDB**.
- Uses **CSS3 media queries** to provide a print-ready PDF export within your browser.