

# Kevin Jin

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## Work Experience

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**Vidyard** | *Full-Stack Developer*

September 2018 — December 2018

- Built a new IP Exclusions feature using **Vue** and **Rails**, giving customers the ability to filter out data from specific IP addresses/ranges that could interfere with their data analytics
- Implemented a live chat application with phone and video calling capabilities using **Socket.IO** and **WebRTC** to enhance the company's existing GoVideo platform.
- Implemented **10** events using **Heap API** to track user activity within the platform to help product managers understand feature usage for future refactoring

**Nokia** | *Software Developer*

January 2018 — April 2018

- Improved team productivity by **20%** through building a Usage Tool to periodically publish statistics about dependencies of **100+** repositories; utilized by the entirety of the core components team in order to identify if defects were a result of applications being outdated
- Enhanced **20+** existing **React** components by fixing defects and adding functionality, including the ability for the QA team to perform automated tests

**Finastra** | *QA Analyst*

May 2017 — September 2017

- Increased efficiency by **50%** by using a combination of **C#**, **SQL**, and **Informatica** to automate the process of extracting information from **13** different file formats

## Projects

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**NotePal** *React, Firebase, Heroku* 

September 2018

- Developed a web application to convert and process handwritten notes to editable text
- Enabled users to automatically summarize, translate, and spell check their notes through the use of **Google Vision/Translate APIs**

**UWScheduler** *JavaScript* 

February 2018

- Published a web application (**uwscheduler.com**) to create the best schedules for a University of Waterloo student
- Used the **University of Waterloo API** to generate schedules, as well as **Google Maps** and **RateMyProfessors APIs** to calculate a rating for each schedule
- Allows user to import their schedules directly from Quest, edit schedules based on their preferences, as well as view them using **FullCalendar**

**Wikipedia Game Bot** *Python (Flask), JavaScript* 

September 2017

- Created an application to traverse from one Wikipedia page to another as quickly as possible
- Designed an algorithm using **Datamuse API** to determine the level of proximity between two words
- Used **ChartJS** to create a visualization of the path between pages

**Vision Chef** *Android Studio* 

January 2017

- Wrote an android app that generates recipes based on the ingredients in a user's fridge
- Utilized computer vision from **Clarifai API** to identify foods and **Edamam API** to find recipes

## Awards

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**Dean's Honours List**

January 2017 — Present

Cumulative Average: 90% (4.0 GPA)

**University of Waterloo Faculty of Mathematics Scholarship**

September 2016

Awarded to students with excellent admission marks, exceptional results on the Euclid Math Contest, and outstanding extracurricular achievement

## Skills

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**Languages:** JavaScript, C, C++, C#, Ruby, Python, SQL, Racket, Turing  
**Frameworks/Libraries:** Vue, Vuex, React, Redux, Rails, jQuery, Sass

## Education

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**University of Waterloo, Bachelor of Computer Science**

September 2016 — Present