

Kevin Jin

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Work Experience

Ultimate Software | *Software Engineering Intern* San Francisco, May 2019 — Aug. 2019

- Led the design and implementation of a new framework for gathering application metrics using **Python**, **Telegraf**, **InfluxDB**, and **Grafana** to enable developers to gauge the robustness of their services
- Implemented the collection of employee directory upload metrics to determine the availability and latency of the service
- Built a terminal application with **React** to give developers access to production logs while masking personally identifiable information using **spaCy**

Vidyard | *Full-Stack Developer Intern* Kitchener, Sep. 2018 — Dec. 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
- Added **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 Intern* Ottawa, Jan. 2018 — Apr. 2018

- Improved team productivity by **20%** through building a usage tool to periodically publish statistics about dependencies of **100+** repositories; used by the core components team to identify regressions
- 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 Intern* Toronto, May 2017 — Sep. 2017

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

Projects

UWScheduler | *React*  Jun. 2019

- Deployed a web application (**uw-scheduler.herokuapp.com**) to create optimal schedules for University of Waterloo students based on their preferences for professors and class times
- Used the **University of Waterloo API** to generate schedules, as well as **Google Maps** and **RateMyProfessors APIs** to calculate ratings for each schedule
- Implemented support for schedule importing from the university portal and schedule visualizations using **FullCalendar** and **ChartJS**

NotePal | *React*  Sep. 2018

- Developed a web application to convert and process handwritten notes to editable text using machine vision from **Google Vision API**
- Utilized **Google Translate API** and **Bing Spell Check API** to allow users to translate and spell check their uploaded notes

Wikipedia Game Bot | *Python (Flask), JavaScript*  Sep. 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

Skills

Languages: JavaScript, C, C++, C#, Python, Ruby, SQL, Racket
Frameworks/Tools: React, Redux, Vue, Rails, Node.js, MongoDB

Education

University of Waterloo, Bachelor of Computer Science Sep. 2016 — Apr. 2021

- Dean's Honours List (Cumulative Average: 90%)
- Faculty of Mathematics Scholarship