

Kevin Jin

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Work Experience

Nokia

January 2018 — April 2018

Software Developer

- Improved productivity by **40%** 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by the entirety of the core components team in order to identify if defects were a result of applications being outdated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
- Implemented live search functionality for the **React** showcase app that allows designers to learn and experience components

Finastra

May 2017 — September 2017

QA Analyst

- 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
- Planned, developed, and executed tests against software and hardware products using a variety of manual and automated test tools to ensure requirements were met

Microsemi

July 2015 — August 2015

IT Council

- Queried and classified **200+** documents from the Microsemi database in order to improve the efficiency of the company's new search engine

Projects

UWScheduler JavaScript

February 2018

- Published a web application (**uwscheduler.com**) to generate 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 viewing them using **FullCalendar**

Wikipedia Game Bot Python (Flask), JavaScript

September 2017

- Developed 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

Dean's Honors 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

Languages: JavaScript, C, C++, C#, Python, SQL, Racket, Turing
Frameworks: React, jQuery, HTML, CSS
Tools: Git, Bash, L^AT_EX, Jira

Education

University of Waterloo, Bachelor of Computer Science

September 2016 — Present