

# KEVIN LU

## Software Developer

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## SUMMARY

- Experienced with creating and publishing Android applications with Java on Google Play Store
- Professional experience in creating websites with Wordpress and HTML/CSS/Javascript
- Adaptable individual with the aptitude to learn new skills

## TOOLS & TECHNOLOGIES

Java HTML/CSS/Javascript React MongoDB Node.js Git Wordpress

Microsoft Office Adobe XD Photoshop Sony Vegas FL Studio

## EXPERIENCE

### Web Developer

**Peel Career Assessment Services Inc.** June 2019 – August 2019

- Self-taught **SEO** and marketing techniques increased monthly site visitors by **30%**; added **Google Analytics** to website
- Implemented a sidebar with custom **HTML & CSS** styling; decreased bounce rate by **25%**
- Instructed colleagues on website development and management
- Designed flyers for community events and workshops with **Photoshop**

### Lead Web Developer

**FraserHacks** September 2018 – June 2019

- Created three website designs in different styles using **Adobe XD**
- Used version control software **Git** to streamline development process
- Implemented **Firebase** Realtime Database to store contact and application form information of over 100 applicants
- Explored and learned new technologies: **HTML**, **SCSS** and **JavaScript**

## PROJECTS

### WatStats (Android App)

*Organizes student card information in a user-friendly interface; provides spending statistics, transactions and insights.*

- Used latest **AndroidX** library and **ViewPager2** to implement custom sliders to show account balances and statistics
- Created the UI design and prototypes using **Adobe XD**
- Used **Fragments** to save the state of inactive pages when navigating to another page in the app
- Implemented a Watcard library to obtain information from the university website

### AirQuality (Android App)

*Displays the current air quality at the user's location; search and get up to date air quality information from over 5000 cities.*

- Created custom searching and sorting functions for a **RecyclerView** list of saved cities
- Published app on the **Google Play Store**; downloaded 1,000+ times
- Followed **software development life cycle**; created application flowchart and UML diagrams
- Implemented **SQLite** database to store previously loaded air quality information for offline access
- Designed the UI design and prototyped user flow with **Figma**

## EDUCATION

### Honours Computing and Financial Management, Co-op

**University of Waterloo** September 2019 – May 2024 (expected)

3.92/4 GPA (90.1%)

1A & 1B Term Dean's Honour List