

# Kevin Ye

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## Technical Skills

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**Languages:** Java, C++, C#, HTML/CSS, JavaScript, PHP

**Technologies:** SQLite, MySQL, PostgreSQL, React, Angular, Unity, UnrealEngine, Laravel, Git, Travis, CircleCI

## Education

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**Bachelor of Computer Science**

*September 2015 – May 2019*

Concordia University, Montreal, QC

## Experience

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**Software Developer Intern, Mobeewave**

*September 2018 - Now*

- Worked on a **front-end** web application portal using **react** to provide a responsive and interactive UI
- Experienced in working with **Redux architecture** in improving the performance of the websites
- **Technologies used: React, JSX, TypeScript**

**Software Developer Intern, Canada Post**

*July 2017 – August 2017*

- Worked on a **full-stack** web application to **automate** the process of administration tasks
- Participated in an agile team environment
- **Technologies used: PostgreSQL, Laravel, Bootstrap**

**Auditor, RGIS**

*January 2014 – January 2016*

- Delivered quick and precise inventory count of various stores across Montreal
- Assisted store employees in learning to manage inventory process

## Projects

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**StackUnderflow – Laravel, Travis**

*January 2018 – April 2018*

Concordia University, Montreal, QC

- **Led** a team as the **scrum master** by planning sprints, demos and meetings
- Implemented and maintained a **Continuous Integration** framework based on Travis
- Implemented unit tests for **all** main user stories

**Charge & Conquest 2 – Artificial Intelligence in games, C#, Unity**

*January 2018 – April 2018*

Concordia University, Montreal, QC

- Designed user interface, core game mechanics, game levels
- Implemented **behavior tree**, **waypoint tactics**, **context-sensitive** adversary A.I.

**Bonzee - Artificial Intelligence, C++**

*September 2017 – December 2017*

Concordia University, Montreal, QC

- Implemented the rules of a two-player game in C++
- Designed an adversary A.I. using **mini-max algorithm**
- Implemented **Alpha-Beta pruning** to cut down search time from regular mini-max

## Awards & Distinction

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**Top 10 Games at McGame2018**

*March 2018*

**Honor Roll** at Vanier College

*May 2015*