

# Alec Pham

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## Education

**École de technologie supérieure**  
*B. Eng. Software Engineering*

Montreal, QC  
Sept. 2025 - May 2029

**Collège de Bois-de-Boulogne – R score: 32**  
*Technical program of Information Technology – Software Engineering*

Montreal, QC  
Aug, 2022 - May 2025

## Technical Skills

**Programming languages:** Kotlin, Java, JS, Python, PHP, C#, SQL, TypeScript, HTML/CSS, GDScript

**Frameworks:** ReactJS, NodeJS, Tailwind, Bootstrap, PHPUnit, Pest, ExpressJS

**Tools:** Git, CI/CD, Postman, Figma, Make.io (automatisation), Docker, Unity, Wordpress

**Design patterns:** Factory, MVC, MVVM, Façade, Singleton, Strategy, Observer

## Professional Experience

**Full-Stack Developer – Internship**  
*Artur.art*

Jan. 2025 – May 2025  
Montreal, QC

- Design of a new server architecture to reduce complexity and improve scalability.
- Development and integration of key features for the company website.
- API integration and connection of internal services to external CRMs to optimize operations.
- Collaboration with other interns to ensure proper project coordination.
- Maintenance and improvement of existing code in terms of quality and security.
- Review and validation of PHP code as a code reviewer.
- Development and integration of PHP services and extensions.
- Lead a team of interns in accomplishing various tasks.

### Programming Tutor

*Collège de Bois-de-Boulogne*

Feb. 2023 – Jan 2024  
Montreal, QC

- Provided support to students on computer programming assignments.
- Assisted in teaching fundamental concepts of Java and C#.

## Projects

### CodeShare – React/NextJS, Go, Firebase (*In progress*)

A networking platform that allows students to share code and exciting projects. Users can upload their CV and code projects to showcase their skills when looking for future project partners.

### Workflow – React, NodeJS, ExpressJS, MongoDB

A project management system based on the Scrum methodology, allowing tracking of team productivity (e.g., ICEScrum, throughput, etc.), integrating real-time video conferencing, and managing tasks with an interactive Kanban board for better collaboration.

### StudyTracker – Kotlin, Firebase

A mobile application that allows students to track their studies, plan their tasks and assignments, and maintain streaks to encourage consistent progress. It also integrates a trivia-style game via an external API to make the learning experience more engaging.