

NOAH PARK-NGUYEN

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EDUCATION

Algonquin College, Ottawa, ON

Expected Graduation 2025

- [Computer Engineering Technology – Computer Science \(Advanced Diploma\)](#)
- Honours: GPA (3.76 / 4.0), Dean's Honours List (Winter 2023, Spring 2023, Fall 2023, Spring 2024)
- Relevant Coursework: Object-Oriented Programming, Data Structures, Web Programming, Java Application Programming, C++ Programming, Introduction to Database, Network Programming Basics

TECHNICAL SKILLS

- Programming Languages: Java, JavaScript, Python, SQL, C++, C, R
- Frontend: ReactJS, HTML5, CSS3, Tailwind CSS, JavaFX, Java Swing
- Backend: Node.js, Spring Boot, RESTful APIs, MySQL, MongoDB, Maven
- Tools: Git, Visual Studio Code, IntelliJ IDEA, Visual Studio, Postman, VMWare Workstation, Eclipse
- Collaboration: Microsoft Azure DevOps, GitHub, Agile Scrum Methodology, Microsoft Office Suite

WORK EXPERIENCE

Algonquin College, Student Tester, Ottawa, ON

Sep 2024 – Dec 2024

- Created and executed over 200 test cases to validate new features, reducing system errors by 20% and ensuring reliable functionality.
- Verified secure data actions (create, update, delete) and role-based access permissions, protecting sensitive information.
- Reported and resolved 10 critical bugs, collaborating with the Thesis SM team to enhance system stability and meet project deadlines.
- Streamlined communication by scheduling meetings and providing regular updates to external partners, driving swift issue resolution.

FINTRAC, Application Developer, Ottawa, ON

Jan 2024 – Apr 2024

- Developed a Java/Maven application to automate API data synchronization, reducing processing time from 8 hours to under 1 minute (99% efficiency gain).
- Reported and resolved 50+ bugs, improving system performance through fixes to syntax, data inconsistencies, and translations.
- Enhanced form validation by creating 25+ test cases using Java/JUnit, increasing regex-based input accuracy by 10%.

PROJECTS

[Video Game Database](#)

Maven, Spring Boot, MongoDB, ReactJS, Tailwind CSS

- Developed a full-stack app with a ReactJS front end and Spring Boot back end, integrating IGDB API and MongoDB for game data management and user reviews.
- Implemented RESTful APIs for dynamic data handling and a scalable database structure, ensuring efficient retrieval and review functionality.

[Flashcards](#)

ReactJS, JavaScript, Tailwind CSS

- Designed a flashcard web app with create, read, update, and delete (CRUD) functionality, browser storage for persistence, and import/export support via JSON.
- Created a user-friendly interface for seamless deck management and study sessions, optimizing user experience.

[Wordle Clone](#)

ReactJS, JavaScript, Tailwind CSS

- Built an interactive Wordle clone with React, featuring keyboard and on-screen input options for dynamic gameplay.
- Leveraged React hooks to implement real-time feedback and intuitive UI updates for tracking player guesses.