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*

EXPERIENCE

Algonquin College | Student Tester | Ottawa, ON   Sep 2024 – Dec 2024
- *Designed and executed 200+ test cases, reducing system errors by 20% and ensuring stable feature functionality.*
- *Verified secure data actions and role-based access controls to safeguard sensitive information.*
- *Discovered and resolved 10+ critical bugs by collaborating with development teams, enhancing system stability, and meeting tight project deadlines.*
- *Coordinated communication across cross-functional teams and external partners by scheduling meetings and easing collaboration to resolve issues and ensure project progress.*

FINTRAC | Application Developer | Ottawa, ON   Jan 2024 – Apr 2024
- *Developed a Java/Maven application to automate API data synchronization, cutting processing time from 8 hours to under 1 minute.*
- *Diagnosed and resolved 50+ system bugs, addressing syntax issues, missing translations, and improving data integrity.*
- *Enhanced input validation using Java/JUnit test cases, improving regex accuracy by 10% for critical form validations.*

PROJECTS

[Video Game Database](#)   Maven – Spring Boot – MongoDB – ReactJS – Tailwind CSS
- *Created a full-stack application for managing video game data and user reviews, integrating IGDB API for dynamic content updates.*
- *Designed scalable RESTful APIs and a MongoDB schema, enabling efficient data retrieval and real-time user interaction.*

[Flashcards](#) | [Live Demo](#)   ReactJS – Tailwind CSS – JavaScript – JSON
- *Built a responsive web app with complete CRUD functionality, browser-based persistence, and JSON import/export capabilities.*
- *Developed an intuitive user interface to streamline deck management and refine study workflows.*

[Wordle Clone](#) | [Live Demo](#)   ReactJS – Tailwind CSS – JavaScript
- *Engineered a Wordle-inspired game with on-screen and keyboard input, providing real-time feedback and an interactive user experience.*
- *Leveraged React hooks to create seamless gameplay mechanics and efficient state management.*

SKILLS

- *Programming Languages: Java, JavaScript, Python, SQL, C++, C, R*
- *Frontend Development: ReactJS, HTML5, CSS3, Tailwind CSS, JavaFX, Java Swing*
- *Backend Development: Node.js, Spring Boot, RESTful APIs, MySQL, MongoDB, Maven*
- *Tools & Platforms: Git, Visual Studio Code, IntelliJ IDEA, Visual Studio, Postman, VMWare Workstation, Eclipse*
- *Collaboration: Microsoft Azure DevOps, GitHub, Agile/Scrum Methodologies, Microsoft Office Suite*
- *Languages: English (native), French (conversational)*