NOAH PARK-NGUYEN

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EDUCATION

[Computer Engineering Technology - Computing Science (Advanced Diploma)](#) Jan 2023 - Present
Algonquin College, Ottawa, Ontario
- GPA: 3.76 / 4.0
- Dean's Honours List: Winter 2023, Spring 2023, Fall 2023, Spring 2024
- Coursework: Network Programming Basics, Object-Oriented Programming, Technical Communication for Engineering Technologies, Calculus 1, Data Structures, Processor Architecture, Compilers, Java Application Programming, Numerical Computing

TECHNICAL SKILLS

- Programming Languages: Java, C, C++, Python, R, SQL, JavaScript, PHP, Assembly
- Web Technologies & Frameworks: HTML, CSS, JavaScript, React, JavaFX, Java Swing, PyQt5
- Software Development & Tools: Visual Studio, Visual Studio Code, Eclipse, Git, GitHub, Microsoft Azure DevOps, VMware Workstation
- Databases: SQL, MySQL, MongoDB
- Operating Systems: Linux (Ubuntu), Windows 10, Windows 11
- Productivity & Collaboration: Microsoft Office (Word, PowerPoint, Outlook, Teams, SharePoint)
- Languages: English (Fluent), French (Conversational)

EXPERIENCE

Student Tester   Sep 2024 – Dec 2024
Algonquin College, Ottawa, Ontario
- Facilitated cross-team collaboration meetings, aligning testing goals and improving communication across teams.
- Created over 200 test cases to validate student portal functionality, enhancing user experience and improving system reliability.
- Identified and documented more than 100 critical bugs, enabling quick resolution and leading to system enhancements.
- Developed a comprehensive testing guide, streamlining the onboarding process and increasing team efficiency.

Application Developer   Jan 2024 - Apr 2024
Financial Transactions and Reports Analysis Centre of Canada, Ottawa, Ontario
- Supported troubleshooting efforts, fostering collaboration and boosting team productivity.
- Automated document scanning with a custom Java application, reducing task time by 95% and significantly improving workflow efficiency.

- Resolved over 100 codebase issues, enhancing system stability and reducing client-side errors.
- Designed and executed 50+ test cases for client form validation, improving accuracy and reducing errors by 10%.

PROJECTS

Portfolio   React | JavaScript | CSS
- Developed a personal portfolio website showcasing information about myself, including sections for skills, experience, projects, and contact.
- Designed a responsive UI with HTML/CSS, ensuring mobile and desktop compatibility.
- Integrated smooth animations and transitions, enhancing visual appeal and user engagement.

Wordle Clone   React | JavaScript | CSS
- Developed a fully functional Wordle clone using React, allowing players to guess five-letter words within six attempts.
- Managed game state with React hooks, ensuring smooth gameplay and accurate tracking of guesses.
- Designed a responsive UI using HTML/CSS, with dynamic letter updates for a real-time experience.
- Implemented error handling and validation for user input to prevent invalid guesses.

Weather App   Python | PyQt5 | API
- Built a weather app using PyQt5, integrating the OpenWeatherMap API for real-time weather data.
- Implemented error handling for incorrect city names and API request failures.
- Included features such as temperature display and weather condition for comprehensive reporting.