

# NOAH PARK-NGUYEN

K2G 5V8 | 778-388-8144 | park0597@algonquinlive.com | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

## 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: Object-Oriented Programming, Network Programming Basics, Operating System Fundamentals (GNU/Linux), Data Structures, Processor Architecture, C Language, Web Programming, Compilers, C++ Programming, Java Application Programming, Numerical Computing

## TECHNICAL SKILLS

---

- Programming Languages: Java, C, C++, Python, R, SQL, HTML, JavaScript, CSS, PHP, Assembly
- Software Development & Tools: Visual Studio, Visual Studio Code, Eclipse, Git, GitHub, Microsoft Azure DevOps, VMWare Workstation
- Web Development & Frameworks: JavaFX, Java Swing, PyQt5, React
- Databases: MySQL, MySQL Workbench
- Networking & Security: Wireshark, Cisco Packet Tracer
- 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

- Created 200+ test cases to validate student portal functionality, enhancing user experience and system reliability.
- Identified and documented over 100 critical bugs, enabling rapid resolution and system enhancements.
- Developed a comprehensive testing guide to streamline onboarding, increasing team efficiency.
- Facilitated cross-team collaboration meetings to align testing goals and improve communication.

### Application Developer

Jan 2024 - Apr 2024

Financial Transactions and Reports Analysis Centre of Canada, Ottawa, Ontario

- Automated document scanning with a custom Java application, reducing task time by 95%.

- Resolved 100+ codebase issues, enhancing system stability and minimizing client-side errors.
- Designed and executed 50+ test cases for client form validation, improving accuracy and reducing errors by 10%.
- Supported team troubleshooting efforts, fostering collaboration and boosting team productivity.

## PROJECTS

---

### Wordle Clone

React | JavaScript | CSS | HTML

- Developed a Wordle clone with React, managing game state using React hooks.
- Designed a responsive UI with HTML/CSS and dynamic letter updates.

### Weather App

Python | PyQt5 | API

- Built a weather app with PyQt5, integrating the OpenWeatherMap API.
- Customized the UI with weather-based backgrounds for better user experience.

### Typing Test

Java | JavaFX | Eclipse

- Created a JavaFX app to track typing speed and accuracy in real-time.
- Implemented color feedback to highlight errors instantly.

### Battleship Game

Java | Java Swing | TCP/IP

- Developed a multiplayer Battleship game using TCP/IP for real-time play.
- Designed a Swing GUI with in-game chat, following MVC architecture.

## REFERENCES

---

### **Bert Pitre**

Senior Test Lead

Algonquin College

[bertpitre@gmail.com](mailto:bertpitre@gmail.com) | 613-413-1815

### **Juehee Dawson**

Senior Application Developer

Financial Transactions and Reports Analysis Centre of Canada

[juehee.dawson@fintrac-canafe.gc.ca](mailto:juehee.dawson@fintrac-canafe.gc.ca) | 613-799-3156