

# Noah Park-Nguyen

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## Skills

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- **Front-End:** React, Tailwind CSS, HTML5, CSS3, JavaScript
- **Back-End:** Node.js, Express, MongoDB, Java, Spring Boot
- **Tools:** Visual Studio Code, IntelliJ IDEA, Apache Maven, Eclipse
- **Collaboration:** Git, GitHub, Microsoft Azure DevOps, Agile/Scrum, Microsoft Office Suite
- **Languages:** English (native), French (conversational)

## Experience

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### Algonquin College | Student Tester | Ottawa, ON

Jan 2024 – Apr 2024

- Developed a Java automation tool that updated API documentation, cutting 8+ hours of manual effort per update.
- Resolved 50+ bugs in Azure DevOps, improving system stability and reducing errors in the team's workflow.
- Wrote Junit-5 tests to confirm form logic, increasing test coverage by 20% and improving application reliability.
- Built an automated system to detect and update outdated API data, streamlining documentation maintenance.

### FINTRAC | Application Developer | Ottawa, ON

Sep 2024 – Dec 2024

- Authored 100+ test cases for the R3 project, covering data management, system responsiveness, and role-based access.
- Executed 200+ test cases, finding and reporting 10+ critical bugs, leading to improved system stability.
- Facilitated cross-team communication between testers and developers, ensuring quick resolution of urgent issues.
- Contributed to 25% of the team's test suite, meeting agile iteration deadlines and ensuring feature completeness.

## Projects

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### Meeting Map | [GitHub](#) | [Demo](#)

Node.js, Express, MongoDB, React, Tailwind CSS

- Developed a meeting scheduling platform with role-based authentication, enabling admins to manage users and rooms.
- Integrated React Query for real-time data synchronization, refining API calls and state management.
- Automated expired meeting cleanup using node-cron, ensuring database efficiency based on user time zones.

### LinkLounge | [GitHub](#) | [Demo](#)

Node.js, Express, MongoDB, React, Tailwind CSS

- Designed a custom link page builder, allowing users to create profiles with unique themes, icons, and unlimited links.
- Implemented JWT authentication with email-based password reset, securing users and improving recovery options.
- Developed an email feedback system using Nodemailer, enabling direct communication between users and admins.

### Video Game Database | [GitHub](#)

Java, Spring Boot, MongoDB, React, Tailwind CSS, Maven

- Built a RESTful API in Spring Boot with Maven dependencies, ensuring modular and maintainable development.
- Created a React front-end with an intuitive UI, allowing users to browse, filter, and review video games.
- Designed a MongoDB database schema to store user reviews and dynamically update game ratings.

### Flashcards | [GitHub](#) | [Demo](#)

React, Tailwind CSS

- Developed a study tool using IndexedDB, enabling users to manage flashcards without an internet connection.
- Implemented JSON export/import functionality, allowing users to back up and restore decks seamlessly.
- Designed a fully responsive UI, ensuring accessibility across desktop and mobile devices.

### Wordle Clone | [GitHub](#) | [Demo](#)

React, Tailwind CSS

- Recreated Wordle's game logic, including turn-based play and color-coded feedback for letter placement.
- Developed an adaptive on-screen keyboard, enhancing accessibility for mobile and desktop users.
- Managed game state using React hooks, ensuring smooth and interactive gameplay.

## Education

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### Computer Engineering Technology – Computer Science (Advanced Diploma)

Expected Graduation 2025

#### Algonquin College | Ottawa, ON

- GPA: 3.76 / 4.0
- Relevant Coursework: Web Programming, Data Structures, Object-Oriented Programming, Numerical Computing