

# Noah Dobie

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## Summary of Qualifications

- A naturally creative person who is always looking to innovate, with a knack for conceptualizing and building solutions to ease day-to-day tasks and bring random ideas to life.
- Successfully led group projects and social initiatives by fostering clear communication and effective decision-making.
- Passionate problem solver with a natural curiosity and relentless drive, such as challenges surrounding basketball tracking using computer vision.
- Communication of complex technical concepts in a clear, understandable manner in formal documents.
- Ability to disconnect from the digital world and focus on real-world interactions, whether it be social events, exercise, or reading.
- Experience using Figma, Canva, XML, and LaTeX for unique user-interface designs for coursework and personal projects.
- Excelled in Java for Android applications, HTML/CSS for dynamic webpages, and C/C# for optimized projects, while driving efficiency through Python for task automation and advancing AI skills.
- Continuously expanding knowledge in JavaScript, Kotlin, PHP, and SQL through coursework and personal projects.
- Proficient in utilizing Windows, macOS, Linux, Android, and iOS for development and related tasks.
- Demonstrated understanding and expertise in circuit design, Internet of Things (IoT), and 3D modeling and printing.

## Project Portfolio

Extended project list available on [NoahDobie.com](https://NoahDobie.com)

### Basketball Shot Tracker

- Developed a mobile Android app using Java and OpenCV to accurately track basketball movement, for shot tracking and recording.
- Skills Learned: Computer Vision, Java, Android Studio, OpenCV, UI Design

### Portfolio Website

- Created an interactive portfolio website using HTML, CSS, and JavaScript to display personal achievements and describe myself.
- Skills Learned: HTML, CSS, JavaScript, Domains, Reactive Design

### Student Schedule Planner

- Developed a practical and great looking schedule planner for students, to keep track of courses, exercise, and daily activities.
- Skills Learned: Java, Android Studio, Practical Development, Local Data Storage

### TicTacToe AI

- Researched and implemented a custom neural network in Python for an AI, laying groundwork for future AI projects.
- Skills Learned: Neural Networks, Python, Data Structures, Algorithm Design

## Education and Certifications

Bachelor's Degree in Computing Science with Management Minor

Sept 2020 – Present

Thompson Rivers University – Kamloops, B.C.

- Winter/Fall 2022 & Fall 2023 Dean's List Recipient

Level One First Aid Certificate

Aug 2026

## Relevant Work Experience

Resident Advisor | Campus Living Centres, Kamloops, B.C.

Aug 2023 – Present

- Successfully resolved numerous dormitory resident complaints and maintenance issues, resulting in increased satisfaction, and living standards.
- Implemented and executed health-focused programs that led to a large increase in community engagement at events within the dormitory over a year.

General Labourer | Atlas Power Sweeping, Maple Ridge, B.C.

May 2022 – Sept 2023

- Operated power scrubbing equipment ensuring thorough cleaning of parkades resulting in clients scheduling for further services.
- Regularly worked shifts exceeding 12 hours, demonstrating physical endurance and precision in machinery use.

Shipper & Counterman | Lordco Auto Parts, Maple Ridge, B.C.

Oct 2019 – Oct 2021

- Exceeded daily sales targets of \$5000+ consistently, driving revenue growth and contributing to the company's bottom line.
- Managed logistics including dispatching 10+ drivers and handling 4+ warehouse loads daily, resulting in improved efficiency and cost savings for the company.

Jr. Administrator | WesTower Communications, Cloverdale, B.C.

Jun 2017 – Sept 2017

- Assisted with drafting tasks and office organization to ensure efficient data management.
- Demonstrated strong time management skills in coordinating office tasks, contributing to increased productivity and workflow efficiency.

## Volunteer Experience

CLC Capstone Project

- Assisted in the creation of a program about gender and sexuality to inform students with up-to-date information.

Maple Ridge Home Show

- Participated in creating a dirt track for bike racing to promote the Ridge Meadows BMX track.

Thunder Café

- Helped run the café by preparing food, counting inventory, and tracking sales.

## Interests

Creating

- Exploring various interests and bringing them to life through unique projects.

Mechanics

- Anything with an engine, whether it is cars, jet skis, or bikes.

Exercise

- Prioritize staying active both inside the gym and outdoors.