Adrian Navarrete

509.521.5571 | [Email](#) | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

EDUCATION

Pasco, WA   **Columbia Basin College**   **March 2018 – December 2024**
- **Bachelors** in Software Development - December 2024   **GPA: 3.5**

TECHNICAL SKILLS & PERSONAL ATTRIBUTES

- **Back-end:** Java, C++, Rust, Python, PHP, SQL, MySQL
- **Front-end:** React, JavaScript, HTML, CSS
- **Development Tools:** NetBeans, Visual Studio, VSCode, GitHub, Jira
- **Methodologies:** Familiar with Agile development, including Scrum
- **Soft Skills:** Proactive, dependable, and efficient with a strong aptitude for rapid learning. Skilled in problem-solving and collaborating in team environments.

PROJECTS

Home4Paws – Rust GUI Pet Adoption App   **April 2025 – present**
- **Building** a **cross-platform** desktop application in Rust using **eframe/egui** for browsing adoptable pets via the **Petfinder API**.
- Handled asynchronous **data fetching** with **tokio** and **reqwest** to deliver real-time pet listings and images.
- Implementing **dynamic texture loading**, safe concurrency, and robust **error handling** for smooth **UI performance**.
- Navigating complex Rust lifetimes, **image decoding**, and runtime constraints in a multi-threaded environment.

Priority Pilot – Capstone Project   **Timeline: 10 weeks**
- **Designed** and **developed** a task management app using **Java**, **JavaFX**, and **MySQL** for efficient task prioritization.
- **Implemented** core features like task creation, editing, and drag-and-drop categorization.
- Overcame **challenges** with database integration, pivoting from SQLite to MySQL.
- **Designed** an intuitive **UI** and **optimized** database queries, improving task retrieval speed by 15%.

Password Strength Game – Advanced OOP Project
- **Developed** an interactive Java-based game to teach children about password security through a point-based system.
- Designed "hacker" opponent that gains points if users create weak passwords, encouraging strong password habits.
- **Implemented** real-time **password validation**, checking for length, special characters, and numbers.
- Created multiple test functions to evaluate password strength dynamically, reinforcing cybersecurity awareness.

WORK EXPERIENCE

Commercial Driver   **AutoZone inc.**   **September 2022 – October 2024**
- Ensured **accurate** and **timely** of critical auto parts to commercial clients, demonstrating strong attention to detail and reliability.
- Managed inventory systems, organized incoming parts, and maintained efficient warehouse operations to support seamless service delivery.
- **Trained** and **on-boarded new** team **members**, emphasizing adherence to safety standards, process efficiency, and effective team collaboration.

Electrical Apprentice   **Allan Electric**   **August 2021 – March 2022**
- Assisted in the **design** and **troubleshooting** of electrical systems, including rewiring houses and resolving circuit issues, ensuring safe and optimal performance.
- Installed and **upgraded** key electrical components such as receptacles, switches, and lighting fixtures with precision and efficiency.
- **Contributed** to the **installation** and **configuration** of electrical panels and sub-panels, ensuring compliance with **safety** standards and building codes.