JUAN REA

+1 (431) 588-8353 | jerea@ualberta.ca | LinkedIn | Website | Github

EDUCATION

University of Alberta – *Edmonton, AB*
Bachelor of Science | *Major in **Computing Science** - Minor in **Commerce***   *Sept 2022 - Apr 2026*
Relevant Coursework: *Computer Organization and Architecture I, Practical Programming Methodology, Algorithms I, Probabilistic Modeling, Machine Learning I, Search and Planning in AI, Intro to File and Database Management*

SKILLS

Programming Languages: *Python, C, Solidity, JavaScript, SQL, RISC-V*
Blockchain Development: *Solidity (Ethereum Smart Contracts), Hardhat, Ethers.js*
AI/Data Analysis: *NumPy, Pandas, SPSS, R, Excel*
Frontend/Design: *HTML, CSS, React.js, Tailwind CSS, Vercel*
Other/Creative: *Git, FL Studio, Photoshop, Illustrator*
Languages: *English (Native), Spanish (Native), French (Fluent)*

EXPERIENCE

Smart Haven – *TELUS Trusted Provider*   *Edmonton, AB*
Direct Sales Specialist   *Oct 2024 – Present*
- My role involves engaging with clients, providing tailored solutions to enhance home technology and connectivity, and driving business growth through effective communication and product expertise.
- Responsible for prospecting and engaging potential customers, presenting innovative TELUS products and services, processing orders, and maintaining ongoing customer relationships.

Audio Engineer/Music Producer – *Independent Service*
Concept development   *June 2018 – Present*
- Successfully marketed and sold original beats and music compositions online, establishing a reputable brand presence, cultivating strong relationships worldwide, and generating revenue through digital sales platforms
- Managed all phases of music production, from initial concept development to mixing, mastering, and final delivery, ensuring artistic vision and technical standards were met with precision and creative flair.

Secan – *Certified Seed Supplier*   *Winnipeg, MB*
Website Analyst   *June 2024*
- Conducted a comprehensive website analysis for non-for-profit agriculture organization Secan, providing actionable recommendations to improve navigation, speed, visual appeal, and functionality, resulting in a more user-friendly and efficient online experience.
- Performed benchmarking against rival companies' sites. Delivered insights on industry best practices and identified key areas for enhancement, ensuring digital presence remains competitive.

PROJECTS

StarStake: **Decentralized Ethereum Staking Platform** | Deployed App | GitHub Repository   *Jan 2025*
- **Description**: Developed a decentralized staking platform on the Ethereum Sepolia Testnet, highlighting trustless coordination in decentralized finance (DeFi) and ensuring code is law.
- **Key Features**: Empowers users to stake ETH securely, pool funds for shared goals, and withdraw if thresholds aren't met.
- **Tech Stack**: *Solidity, Ethers.js, Hardhat, React, Next.js, Tailwind CSS, Vercel*
- **Contributions**:
    - Wrote and deployed smart contracts to enable secure, decentralized staking processes.
    - Conducted testing and debugging to ensure smart contract reliability and security.
    - Implemented a responsive front end for seamless user interactions with blockchain operations.

Google Developer Student Club @ UofA   *Feb 2024 - Present*
- Eager to contribute to upcoming projects including SignSense, focusing on traffic sign classification, and Songify, centered on music recognition through machine learning, using PyTorch and TensorFlow.

ACCOMPLISHMENTS

- **Class of 2022 Valedictorian** | Oak Park High School, MB   *June 2022*
- **Varsity Soccer Player** | University of Alberta Golden Bears   *Aug 2022 - Apr 2023*
- **Semi-Professional Soccer Player** | FC Manitoba USL2   *May 2023 - Aug 2023*