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◉ Vancouver

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</> github.com/idaknow

IDA **DE SMET**

DATA ENGINEER

A bubbly, open-minded and forward thinking engineer. Driven, organised and multi-lingual.
Looking to join a company that is not afraid to challenge the status quo and a culture that fosters creativity.

EDUCATION

University of Auckland (2014 - 19)

- Bachelor of Engineering, Software (First Class Honours)
- Bachelor of Science, Psychology

PROJECTS

Web Administrator @ UASC (2017)

- Designed, architected and implemented a website from scratch in less than 6 months
- Managed lodge bookings, purchasing memberships and accounts
- Self-taught experience with **Vue.js, JS, HTML, CSS, PxPay2, SQL, Sequelize, Express**

ACHIEVEMENTS

- 2021 Ironman 70.3 Gold All World Athlete (Top 1%)
- 2017 Faculty of Engineering Deans Honours List
- 2013 Rotary Club Tertiary Scholarship
- 2012 Olympic Trials competitor for swimming

WORK EXPERIENCE

FULL STACK ENGINEER @ JOYOUS   04.2022 - 05.2023

Frontend and backend web development to make workplaces better

- Developing scalable, reusable code, such as refactoring the sending infrastructure to support third party applications
- Configured new technology infrastructure, such as DataDog
- Technical analysis, scoping and delivery of a many projects, such as developing an algorithm to select comments to feature
- Cross-functional collaboration within a crew or independently
- Package upgrades, such as moving from Webpack to esbuild
- Experience with **React, NodeJS, TypeScript, JavaScript, Apollo GraphQL, AWS, MongoDB, Cypress, Datadog, Pulumi**

DATA ENGINEER @ ROCKET LAB   10.2018 - 04.2022

Enabled engineers to transform their data into meaning rapidly

- Supported high-priority projects, such as NASA's Mission to the Moon
- Ownership of Propulsion and Avionic's data management, configuration and report generation tools
- Improved Propulsion's data pipeline to become stable, robust and reliable
- Collected use-cases from across the company and developed a generalised Python ETL library using functional principles
- Big-picture data architecture design and prototyping with new technology, such as Angular, Kubernetes and Luigi
- Agile development and a scrum master
- Onboarded and mentored new team members
- Experience with **Python, C#, .NET WPF, Postgres, MongoDB, HTML, CSS, JS, Django, Flask**

WEB DEVELOPER @ BROWN UNIVERSITY   10.2017 - 03.2019
SOFTWARE INTERN @ TEKNIQUE   10.2016 - 03.2017