Dudon **Wai**

✉ d@dudonwai.com | ☎ (647)-894-0108 | ⌨ dudonwai | 🔗 dudonwai | ◉ dudonwai.com
🏠 22 Shaftsbury Avenue, Richmond Hill, ON, Canada   L4C 9K7

OBJECTIVE: Technology enthusiast seeking to leverage 8 years of engineering and startup experience to build great products.

AREAS OF EXPERTISE

PRODUCT MANAGEMENT
Strategic Planning & Execution • User Experience • Market & Customer Research • New Product Development & Launch

ENGINEERING DESIGN
Technical Specification • Safety & Regulatory • Budgeting • Scheduling • Operations

LANGUAGES, DATABASES & CLOUD
Languages: Python • Java • HTML/CSS
Databases: NoSQL • PostgreSQL • XML • JSON
Cloud: Google Cloud Platform • AWS

MACHINE LEARNING & DATA SCIENCE
Supervised • Unsupervised • Reinforcement • Data Processing & Feature Selection • Std. Deviation • Variance • Confidence & Significance

MARKETING & SALES
Growth • Social • Advertising • Content • Business Development • Public Speaking

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY
MS IN COMPUTER SCIENCE
Attended 2017 | Online
Specialization: Machine Learning

UNIVERSITY OF WATERLOO
BS IN MECHANICAL ENGINEERING
Grad April 2014 | Waterloo, ON, Can
Specialization: Management Science

CERTIFICATIONS
UDACITY | CS, Statistics, Machine Learning
ONE MONTH | Python, Rails, Growth, Startups
GOOGLE ADWORDS | Certified: dudonwai
SILICON VALLEY BUSINESS REVIEW 2015
Growth Hacking via Andrew Chen, Brian Balfour

INVOLVEMENT
CDL-Rockies 2018 | Startup Accelerator
NEXTAI 2017 | Startup Incubator for AI
SHELL ECO-MARATHON | Operations
WORK NICER | Entrepreneur-in-Residence
CALGARY DROP-IN CENTER | Shell Sponsor

WORK EXPERIENCE

UNSIST | CO-FOUNDER & CEO | NEXTAI 2017 | CDL 2018 | Unsist.com
Feb 2017 – Jul 2018 | Toronto, ON, Can and **Calgary, AB, Can**
Co-founded an data science startup to improve decision-making for capital intensive Oil & Gas projects. Conducted market and customer research, completed data projects for 3 clients (company sizes $10M-$1B), and developed 2 software products.

PETRORECRUIT | CO-FOUNDER & UX | PetroRecruit.com
May 2015 – Feb 2017 | Calgary, AB, Can
Built a talent webapp in Ruby. Product spec and implementation of resume upload and job post aggregation. Focused on UX for employers, recruiters and applicants.

GREYADV | CO-FOUNDER & CEO | GreyADV.com
Nov 2015 – Dec 2016 | Calgary, AB, Can
Led WordPress and HTML/CSS web development firm partnering with SMBs in oil & gas and e-commerce industries. Sponsored website and startup workshops for businesses and members of the local Calgary community at Work Nicer coworking.

SHELL CANADA | DRILLING ENGINEER
Sep 2014 – Feb 2017 | Calgary, AB, Can
Designed and executed drilling operations $50M+ annually in the office and field. Optimized parameters and supply chain processes. Updated quarterly cost & schedule estimates & plans for upcoming years. Integrated OpenWells (SQL database) and SAP.

SHELL CANADA, ABC GROUP, MAGNA INT'L, DOFASCO | ENGINEERING INTERN
Sep 2009 – Apr 2014 | Toronto, ON, Can and Hamilton, ON, Can
Broad experiences in petroleum, automotive, manufacturing and steel industries, for a total 24 months of work in design, operations and QA roles.

PROJECT EXPERIENCE

DEVELOPMENT OF DATA PLATFORM AND SERVICES PORTAL – UNSIST
Interviewed 10+ potential users, iterated on wireframes, mockups and MVPs, deployed Energy Data Platform and Unsist Computing, improving the product based on usage.

CAPEX FORECASTING AND OPTIMIZATION IN OIL & GAS – UNSIST
Modelled equipment performance for rig fleet optimization (Beaver Drilling), reviewed historical drilling operations to forecast 2018 performance (Birchcliff Energy, TSE:BIR), and benchmarked supply chain for contracts (Crew Energy, TSE: CR)

FREELANCE WEB DEVELOPMENT– GREYADV
Reached out to 1000+ SMBs through 4 email campaigns. Bid for 10+ projects, awarded 4 and executed as lead developer. Provided web dev workshop to first-time founders. *Projects: Okotoks Farmers Market, Stable Legs, PetroRecruit.*

DRILLING OPERATIONS KPI/OKR TRACKING – SHELL
Analyzed real-time drilling data with Pason and ProNova. Examined project performance by drilling rate (ft/day), cost and time and report daily operations.

PREDICTIONS WITH WEKA – GEORGIA TECH
Independently explored UCI datasets for letter recognition and American census data, to understand the behaviour and applications of various machine learning algorithms.
Supervised: Decision Tree, kNN, ANN, SVM. SL: Letter Recognition & Adult Income
Unsupervised: k-means, EM, PCA, ICA, RP, IG. UL: Letter Recognition & Adult Income