Dudon Wai

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OBJECTIVE: Create a sustainable energy future by bridging engineering and software, and strengthening the energy tech community

AREAS OF EXPERTISE

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

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

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

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
Expected April 2018 | 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
NEXTAI 2017 | Startups, Business, AI
SHELL ECO-MARATHON | Operations
WORK NICER | Entrepreneur-in-Residence
CALGARY DROP-IN CENTER | Shell Sponsor
SCCEFC CHURCH | Audio/Visual Operations

WORK EXPERIENCE

UNSIST | CO-FOUNDER & CEO | NEXTAI 2017 | Unsist.com
Feb 2017 – Present | Toronto, ON, Canada and Calgary, AB, Canada
Co-founded an Oil & Gas technology company to facilitate data-driven decision-making for capital intensive projects. Conducted market and customer research, developed partnerships with 2 companies ($10M-$1B), and now developing product.

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

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

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

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

PROJECT EXPERIENCE

WEB DEVELOPMENT FREELANCER
Reached out to 1000+ SMBs through 4 email campaigns. Bid for 10+ projects, awarded 4 and executed as lead developer.
Projects: Okotoks Farmers Market, Eco Focus Corp, Stable Legs, PetroRecruit.

GREYADV WORDPRESS AND STARTUP WORKSHOP
Prepared in-class WordPress curriculum and collaborated with the Calgary community to teach Lean Startup with guest lectures.

SHELL ECO-MARATHON AMERICAS (SEMA) – UNIVERSITY OF WATERLOO
SEMA is a fuel efficiency competition. Designed and fabricated the structural chassis (4 months) and driver ergonomics (4 months) for a 1-person vehicle.

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

PREDICTIONS WITH WEKA
Explore 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