

Dudon Wai

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OBJECTIVE: I am making a leap from commodities and manufacturing to apply my quantitative & analytical skills and strong work ethic to a dynamic and stimulating industry in Technology and Software.

TECHNICAL SKILLS

PROJECT MANAGEMENT

Engineering Design • Product Spec • Budgeting • Scheduling • Operations • Execution

LANGUAGES

Rails/Ruby • Python/Django • Java • HTML/CSS • C++ • VBA

SOFTWARE & APIS

MS Office • Weka • WordPress • Heroku • Steam API • Twitter API • Twilio API

DATABASES & STATISTICS

NoSQL • PostgreSQL • XML • JSON • Std. Deviation • Variance • Confidence & Significance

MACHINE LEARNING

Supervised • Unsupervised • Reinforcement • Random Optimization • Feature Selection • Feature Transformation

MARKETING

Growth • Social • Advertising • Content

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

SHELL ECO-MARATHON | Operations

WORK NICER | Entrepreneur-in-Residence

CALGARY DROP-IN CENTER | Shell Sponsor

SCCEFC CHURCH | Audio/Visual Technician

WORK EXPERIENCE

PETROPREDICT | CPO | [PetroPredict.com](#)

Sep 2016 – Present | Waterloo, ON, Canada
Technology for early life detection of integrity issues in oil fields before remediation. Joined the team to provide industry knowledge to guide product development.

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 – Present | 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-MARATON 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](#)*