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 • Budgetting • Scheduling • Recruiting • Operations & Execution

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

SOFTWARE
MS Office • Eclipse • Weka

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

MACHINE LEARNING
Supervised • Random Optimization • Unsupervised • Feature Selection • Feature Transformation • Performance Analysis

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
Design and execute drilling operations $50M+ annually. Optimize parameters and supply chain processes. Update quarterly cost & schedule estimates & plans for upcoming years. Integrate 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