# 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.

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| TECHNICAL SKILLS PROJECT MANAGEMENT  Engineering Design • Product Spec •  Budgetting • 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](http://www.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-F OUNDER & CEO |** [GreyADV.com](http://www.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](http://www.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*](http://www.okotoksfarmersmarket.com)*,* [*Eco Focus Corp*](http://www.ecofocuscorp.com)*,* [*Stable Legs*](http://www.stablelegsinc.ca)*,* [*PetroRecruit.*](http://www.petrorecruit.com)  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*](http://www.dudonwai.com/docs/gt-omscs-cs7641-a1.pdf?pdf=gt-omscs-cs7641-a1)  ***Unsupervised:*** *k-means, EM, PCA, ICA, RP, IG* [*UL: Letter Recognition & Adult Income*](http://www.dudonwai.com/docs/gt-omscs-cs7641-a3.pdf?pdf=gt-omscs-cs7641-a3) |