Graden Young

Work Experience

Analyst
Deloitte LLP
August 2019 - Present
Support DoD accounting reconciliation development.

• Active Secret Security Clearance
• Work closely with client to develop recon methodology
• Develop file management module in Python utilizing standard library
• Carry out data validation using outlier analysis

Planning Intern
Roche Diagnostics
Summer 2017 and 2018

• Managed, coordinated, and executed data and administrative projects.
• Processed transition of employee database to Archibus.
• Oversaw physical campus space optimization experimentation.

Projects

Disease Spread Model (IE 332)
• Simulated disease spread with network analysis in R.
• ML techniques to find important factors to mitigation.
• Prototyped website to display effect of certain policies with varying disease types.

Complete Regression Fit Analysis (STAT 512)
• Tested linearity, transformability, influence of variables.
• Optimal model selection and rigor testing.
• Diagnostic tests for outliers, individual observations, and Multicollinearity.

Algorithm Design for Temperature Equipment (ENGR 132)
• Analyzed data to find trend and design flow chart of processes.
• Created initial algorithm and tested for improvement.
• Iterated to decrease error and produce acceptable algorithm.

Contact Details

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Software Skills

Python (Advanced)
SQL (Intermediate))
Matlab (Intermediate)
R (Intermediate)
SAS (Intermediate)
Stata (Intermediate)
C (beginner)
Web (beginner html, php etc.)

Quantitative Experience

- MLR, ANOVA, and econometrics.
- Bayesian Inference (Trees), Tensorflow, Monte Carlo Simulation, and Neural Networks.
- Probability, linear programming, linear algebra, and calculus
- modeling (stochastic and non-stochastic), experimental design, and project cost estimation.

Education

Purdue University, May 2019
Bachelor of Science: Economics
Minor: Statistics
Presidential Scholar

Education

DECA International Finalist - Accounting
Indiana Boys State selection 2014

Modern Free Trade Analysis (ECON 370)
• Reviewed historical literature on free trade, trade agreements, and recent historical events.
• Outlined implications dependent upon individual circumstances.
• Worked with trade economist (Chong) to learn analysis tools beyond class material.

Involvement

Purdue Orbital - *Business & Marketing Chief/ Treasurer*
See: leoaerospace.com or purdueorbital.com
• Oversaw development of business strategy through cost, market, and revenue analysis
• Recorded and filed financial information (inventory, purchase requests, transactions journal etc.)
• Pursued avenues of funding, presented business model, and networked with industry peers.

Beta Theta Pi - Judicial Board Member
• Upheld rules for cooperative living and maintained dry house standard.
• Helped disengaged students make plans.

Volunteering

Eagle Scout Project - Renovation of youth ministry
TEDx Purdue - volunteered to run event 2015.
Winterization - prepped homes for winter for elderly in Lafayette 2015 - 2018.