Joshua Jacob Baker

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EDUCATION
Degrees, Certifications & Awards:

Data Camp: 2019	*Western Washington University: 2018*	*Honors & Activities*
➢ Data Scientist R	➢ B.Sc. Supply Chain Management	➢ 2018 WWU APICS Student of the Year
➢ Programmer R	➢ B.A. International Business	➢ 2017 & 2018 WWU Bball Rec Champs
➢ Quantitative Analyst R	➢ Minor Business Analytics	➢ 2016 CBE International Scholarship
➢ Data Analyst R	➢ French Study Abroad at KEDGE	➢ 2013 Lewis Student of the Year Finalist

Coursework and skills:

❖ Machine Learning in R	❖ Linear Algebra Optimization	❖ Creative Feature Engineering
❖ R Markdown Pipelines	❖ Business Calculus Derivatives	❖ Boost, Bag, Stack, Ensemble
❖ SQL Query Tuning in SSMS	❖ Distributions & Density Statistics	❖ Regression & Classification
❖ Tidyverse, ggplot, purr, caret	❖ AB Hypothesis Testing: F & T Stat	❖ Text & Time Series Analysis in R

Self-Study Plan for Next Year:

- Hadoop, Hive, Non-relational DBs
- H2o, Tensor Flow, Keras, Dp. Lrn.
- Img. Rec. ML & Geo. Map. Viz.

WORK EXPERIENCE

Supply Chain Internship   **July 2016 – June 2017**
Nylatech Inc. & The Redco Group   *Bellingham, WA*

Created Kanban Inventory Pull system for 33 globally sourced SKUs to decrease C2C and accelerate material flow

- Built data-driven Kanban board for 33 SKUs with varying EOQs, preventing stockouts and optimizing C2C
- Designed QR ready Kanban cards for 33 SKUs, itemizing 1,000+ units, improving material visibility
- Developed sales, purchasing, and manufacturing dashboards, automating daily calculations and queries
- Redesigned 20,000^{sf} casting plant, measuring all features by tape, digitalizing drafts, and iterating over layouts

Project Management Internship   **June 2015 – September 2015**
The Boeing Company – Site Services   *Seattle, WA*

Led Boeing Trade Teams in 21 consecutive successful projects while successfully pitching to Boeing Executives

- Presented occupancy-variance classification data to Boeing Executives whom approved my proposed strategy
- Visualized classification data on floor plans, revealing $15m/yr. cost-savings, and new modeling methodology
- Delivered 3-shift BBQ for 12,000 employees, feeding 4,000/hr., by networking with 8 primary stakeholders
- PM'd 21, site-to-site, Boeing relocations, by drafting SOW for trades team, and coaching to completion

Supply Chain Internship   **July 2014- March 2015**
Nylatech Inc. & The Redco Group   *Bellingham, WA*

Redesigned and renovated 10,000 sq. Ft. plastic fabrication plant without stopping production for less than $10,000

- Championed project, overcame resistance, received buy-in, approved by execs & techs, pm'd contractors
- Measured entire plant with tape measurer, then mapped current-future state layouts digitally, down to the foot
- Cut TPCT by 90%, by rerouting and increasing velocity of material flow for 12 mills, decreasing C2C cycle
- $3m of revenue per year, increased by 900% capacity, grows to $27m per year, with robust market demand

Whatcom Community College   **April 2014 – July 2014**
Whatcom Community College – IT Student Help Desk   *Bellingham, WA*

Supported college students' educational pursuits by providing IT solutions with reliable customer service

- *Oversaw 2 computer labs, checked equipment out, resolved IT tickets, collaborated with network team*

Lead Residential Assistant & Program Coordinator   **March 2012 – August 2013**
Skagit Valley Community College – IT   *Mount Vernon, WA*

Led and cultivated a welcoming and familiar atmosphere, especially for our international students in TOEFL

- *Coordinated parties, resolved roommate conflicts, resource for international students, managed $30,000*