Seattle, Washington -- Mobile: 360-540-4439 -- Email: [josh.jacob.baker@gmail.com](mailto:josh.jacob.baker@gmail.com)

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

***Self-Study Plan for Next Year:***

|  |  |  |
| --- | --- | --- |
| * Hadoop, Hive, Non-relational DBs | * H2o, Tensor Flow, Keras, Dp. Lrn. | * Computer Vision & 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 20,000sf 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 trade teams, 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, $100,000 checkout equipment, resolved IT tickets, collaborated with network team*

**Lead Residential Assistant & Program Coordinator March 2012 – August 2013** *Skagit Valley Community College – Student Life**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*