**Joshua Fancher**

Joshuafancher@utexas.edu

Linkedin.com/in/joshuafancher • Austin, TX • (206) 883-0517

**EDUCATION**

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| **Washington State University** | Doctor of Pharmacy | May 2009 |
| **Washington State University** | Bachelor of Business Administration, Decision Science | May 2007 |

**EXPERIENCE**

**Valley Medical Center** – *Pharmacist;* Renton, WA  2011 - Present

* Managed up to 3 technicians and a student intern while maintaining efficiency in a rapid production environment
* Reduced costs by monitoring margin, initiating therapy substitution, inventory management
* Forecast inventory utilizing historical trends, seasonality, current promotions, and departmental prescribing practices
* Increased revenue through billing optimization, days supply, quantity supply
* Forged strong relationships with patients and prescribers with a positive team first attitude
* Technology: Rx30, ScriptPro Robotics, EPIC EMR, CSOS, WA-PMP, PSE-monitoring, Visual Basics - scripts

**Fred Meyer Stores** – *Clinical Staff Pharmacist;* Auburn, WA 2009 - 2011

* Clinical Screenings: heart healthy, diabetes, weight loss, blood pressure, cholestec LDX, MTM
* Managed offsite flu shot clinics, greater than 200 immunizations

**ACADEMIC PROJECTS**

**Data Driven Competition – Predicting Evictions – Python & Azure ML -** *Microsoft Professional Program* Spring 2019

* Data integrity analysis – Feature Engineering – Feature Selection based on variance
* Engineered Azure ML Machine Learning script – Boosted Decision Tree Regression - R2 – 72%
* Developed interactive visualizations for clear communication – Python packages – Seaborn, Matplotlib, Bokeh

**Work Force Skills Gap Analysis - SQL & Tableau –** *Northeastern University – Analytics Certificate* Spring 2018

* Queried MySQL database – joins, views, aggregating functions
* Built Tableau visualizations – revealed actionable insight on NYC labor market
* Built labor shortage heuristic for New York MSA – job posting > 30 days, aggregate jobs posting > 1%, project job growth

**Baseball Analytics & Sabermetrics –** *Stattleship Sports Content – Northeaster Univeristy – Analytics Certificate*Spring 2018

* ETL – Stattleship API – pulled all Major League Baseball player records for 2016 season
* Engineered R script – Created novel sabermetrics, Analyzed player performance metrics, predicted 6/10 top baseball team
* Constructed linear regression models predicting performance, residual analysis - normality, homoskedasticity, independence

**LEADERSHIP EXPERIENCE AND ACTIVITIES**

**Pharmacy Preceptor** – *University of Washington School of Pharmacy – Site: Valley Medical Center*  2012-2015

* Precepted 4th year Doctor of Pharmacy Candidates during 4-week professional pharmacy rotations
* Educated, evaluated, and provided feedback for individual students – 2 students per academic year
* Mentored, motivated, and developed students for professional practice

**Resident Hall Assistant** –*Rogers Hall*  2003 - 2005

* Direct responsibility for 50 students on 2 residential floors
* Facilitated team building activities through social events, floor meetings, guided students transition to college
* Recruited and evaluated future residence hall assistants

**HONORS**

* Business Plan Competition – 1st Overall Team out of 30 College Teams – National Community Pharmacy Association 2007
* Eagle Scout

**ADDITIONAL INFORMATION**

**Computer Skills:** MySQL, SSMS, R, Tableau, Python, Sagemaker, S3, Dplyr, ggplot2, MS Word, Excel, PowerPoint

**Interests:** Data Analytics, Machine Learning, Market Analysis, Predictive Modeling, Mechanical Watches, Fantasy Football

**Work Eligibility:** Eligible to work in the U.S. with no restrictions