Andrew Doss

Seattle, WA | (616)-340-0010

andrewjdoss@gmail.com | dosswork.com | github.com/andrewdoss | linkedin.com/in/andrew-j-doss

EXPERIENCE

bit.io Inc.
bit.io is an early-stage, venture backed SaaS startup providing instant, zero-config cloud databases
L5 Data Scientist   May 2021 – Current

- Execute product and growth analyses to drive product roadmap and marketing priorities.
- Build Python tools for bit.io use cases including IoT data logging, ETL jobs, and data labeling.
- Optimize paid acquisition channels and develop content marketing channel (innerjoin.bit.io).

PACCAR Inc.
PACCAR designs, manufactures, and provides aftermarket services for premium commercial trucks.
Sr. Data Scientist   Jun 2019 – May 2021
Data Analytics Intern   May 2019 – Jun 2019

- Built and deployed production machine learning API for custom truck discount guidelines. resulting in 25% error reduction and >$1M annual recurring savings compared to legacy tool.
- Explored and cleaned large-scale truck telematics data to develop survival and classification models that enabled proactive truck maintenance resulting in estimated warranty savings >$1M.
- Delivered explanatory regression model for warehouse picking process that quantified key pick-rate drivers and reduced hourly pick-rate estimation error by 50%.

Boeing
Propulsion Engineer III   Jul 2015 – May 2018
Propulsion Engineer II   Oct 2012 – Jul 2015
Propulsion Engineer I   Jun 2011 – Oct 2012

- Co-invented trade-secret wing overpressure protection system that is in current military use.
- Led architecture, modeling, design, and test of novel fuel and vent systems for a military aircraft.
- Associate in Boeing "high potential" leadership development program (2015-2016).

SKILLS

- Data/software engineering, machine learning, statistical modeling, data analysis/visualization
- Python, SQL, HTML, CSS, JavaScript, Flask, Git, NumPy, PyTorch, pandas, scikit-learn, Tableau, Mixpanel, AWS, Snowflake, Postgres, Docker, Jenkins.

EDUCATION

Georgia Institute of Technology   Jan 2018 – August 2019
MS, Analytics, GPA 4.0/4.0, Computational Data Analytics Track

University of Michigan   Sep 2007 – May 2011
BSE, Mechanical Engineering, GPA 3.98/4.00, Summa Cum Laude