

# Sharan Jhangiani

☎ (425) 922-4704 | ✉ sharan@uw.edu | 📱 sjhangiani12 | 🌐 sharanjhangiani

## Education

### University of Washington

Seattle, WA

B.S. IN INFORMATICS (DATA SCIENCE), MINOR IN APPLIED MATH

Sept 2017 - Jun 2021

- Coursework: Data Structures and Algorithms, Probability Theory, Linear Algebra, Databases, Machine Learning
- **Teaching Assistant** for Intro & Advanced Data Science.
- Directed and led DubHacks, the largest hackathon in PNW. In 2 years raised **\$165,000+** and hosted over 2000 people.

## Experience

### Productiv (Accel, Norwest)

Seattle, WA

INCOMING SOFTWARE ENGINEERING INTERN

Jan 2021 - Mar 2021

### Facebook (Facebook Marketplace)

Remote

DATA SCIENCE INTERN

Jun 2020 - Sep 2020

- Completed **initial ecosystem analysis (DS IC5 Level Work)** on low-signal/spam behavior on Facebook Marketplace.
- Results will likely expand team focus and resource allocation, and will influence future product decisions.
- Led internal hackathon team; **proposed a new product that is now being developed** and launching in 2021. (NDA)

### ITK - City Government of Aarhus

Aarhus, Denmark

VISITING MACHINE LEARNING FELLOW

Aug 2019 - Sep 2019

- Designed and built two custom proof of concept machine learning tools for City Government of Aarhus: A Book recommendation model and a parking garage capacity prediction model, both wrapped and delivered in Flask API.

### SAP Concur

Bellevue, WA

DATA SCIENCE INTERN

Jun 2019 - Aug 2019

- Built custom tokenizer and used pre-trained spaCy dependency tree to remove sensitive data from unstructured text as a new feature on the existing reg-ex based "Data Washing Machine", an internal data privacy tool.
- Trained Random Forest model to detect from free-text notes which products were **responsible for \$70.3M** loss.

### SiDx Inc.

Seattle, WA

SOFTWARE ENGINEERING INTERN

Mar 2019 - Jun 2019

- Designed and built data storage system: MongoDB on AWS EC2 + Azure MySQL to store clinical trial medical data.
- **Architected and implemented ETL pipelines** to automate data ingestion process from proprietary medical devices.

### Trueform.io

Seattle, WA

SOFTWARE ENGINEERING INTERN

Jun 2018 - Sept 2018

- Built reusable A/B Testing framework speeding up product decision process from 1-2 weekly deployments to over 5.
- Designed and restructured Azure SQL Database and built job to combine disparate data streams at 94% accuracy.
- Designed and built custom product analytics dashboards for clientele, **doubling inbound revenue**.

## Projects

### Feed-A-Friend

Seattle, WA

CO-FOUNDER

Mar 2020

- Built peer-to-peer Door Dash Donation system to support people in need, gig workers, and restaurants.
- Designed system architecture, built backend Flask API, and created automated email notification system.

### Jyff Media

Philadelphia, PA

CO-FOUNDER

Jul 2016 - May 2017

- Jyff Media was an embedded targeted marketing play, using virality to teach young adults "real-world" skills.
- Learnings: Jyff failed due to incorrect distribution channels and a misguided focus on cool tech rather than content.

## Skills

### Languages Technologies Frameworks

Python, Java, SQL, APEX  
Conda, Git, AWS, Azure, PostgreSQL, Presto, Hive, Spark, PowerBi  
Flask, Pandas, Numpy, SciKit Learn, Tensorflow, spaCy, Boto3, Pymongo