

# YANG DAI

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I'm an aspiring Data Analyst who translate data insights into impactful actions. I'm an avid learner who is not afraid to take on new concepts and new practices. Solid statistical and technical experience using R; experience with Tableau, SQL.

## EXPERIENCE

**SEP 2018**

**STUDENT DATA SCIENTIST, HUMAN ACTIVITY RECOGNITION – MODEL BUILDING**

- Researched literatures to identify methods to create predictors for human activity recognition from collected data
- Built model using Random Forest machine learning algorithms to predict human activities, with a 98% accuracy rate
- Improved model accuracy through multiple testing

**SEP 2017 – DEC 2017**

**FINANCE INTERN, TOBY WHITNEY FOR CONGRESS**

- Managed 1,200+ individuals' donor portfolio, summarized donors' donation pattern and tracked their donations, to give the candidate a holistic status of the ongoing campaign
- Researched 500+ individuals' donation histories and professional experiences to identify new funding opportunities; quantified the possibility of donating then categorized these individuals; improved the effectiveness and accuracy of donor management
- Successfully monitored campaign funding over \$100k, ensured raising fund in time
- Collaborated with team members in Public Relations, Finance, and Political Operations

## EDUCATION

**JUNE 2018 - IN PROGRESS**

**DATA SCIENCE SPECIALIZATION**

JOHNS HOPKINS UNIVERSITY ON COURSERA

Relevant Courses: Getting and Cleaning Data, Exploratory Data Analysis, Statistical Inference, Regression Models, Practical Machine Learning, Developing Data Products

**SEPT 2016 - JUNE 2018**

**MASTER OF PUBLIC ADMINISTRATION (ENVIRONMENTAL POLICY),**

EVANS SCHOOL OF PUBLIC POLICY AND GOVERNANCE, UNIVERSITY OF WASHINGTON      GPA: 3.61/4.0

Relevant Courses: Computational Thinking for Governance Analytics, Quantitative Analysis, GIS & Public Policy, Asset Building for Low Income Families

## SKILLS

- Data Analysis/Visualization/Reporting
- Predictive model building/application (Machine learning)