

# TYLER RUSSELL

## Data Science Intern

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📍 Seattle, WA

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## EDUCATION

Bachelor of Science  
Informatics

University of Washington

📅 2021 - current

📍 Seattle, WA

## SKILLS

- Python
- Jupyter Notebook
- Pandas
- Scikit-learn
- Excel
- SQL Server
- AWS
- Apache Spark

## CAREER OBJECTIVE

A future-driven and methodical individual with data entry experience and a knack for solving problems in data hackathons, seeking a data science internship at Talus Bio. Passionate about leveraging data for innovation in biotech, I aim to use my technical skills to contribute to bioinformatics research and support Talus Bio's strategic goals.

## WORK EXPERIENCE

### Data Entry Clerk

#### Zillow Group

📅 2022 - 2023

📍 Seattle, WA

- **Generated and maintained an accurate property listing database for 576 properties using Excel**, reducing data entry errors by 14%
- Utilized SQL Server to query and retrieve specific property data for analysis, saving the team an average of two hours per week
- Assisted in data cleaning techniques using Pandas to standardize and normalize property attributes, improving search accuracy by 27%
- Supported the use of Apache Spark for processing large-scale datasets, reducing data processing time by 54% and enabling real-time analytics on streaming data

## PROJECTS

### Data Hackathon 2022

#### Participant

📅 2022

- Documented the entire model development process in a Jupyter Notebook, providing transparency and reproducibility for future iterations
- **Collaborated with nine team members to integrate AWS S3 for efficient storage and retrieval of large datasets**
- Used Agile project management methodologies to allocate tasks and meet project milestones within the given timeframe
- Demonstrated strong problem-solving skills by overcoming challenges in data cleaning and feature selection, leading to a robust and reliable model

### Forecast Forum

#### Seminar Attendee

📅 2021

- Explored the capabilities of Scikit-learn for neural networks and understood their potential for forecasting problems in various industries
- Employed decision tree algorithms to identify significant predictors of customer purchasing behavior, informing marketing strategies
- Applied linear regression analysis in Python to predict sales trends for a retail company, **achieving a correlation coefficient of 0.86 with actual sales data**
- Presented seminar findings to colleagues, highlighting the applicability of predictive modeling techniques across diverse industries and business scenarios