# MALIK TAMM

DATA ANALYST

**CONTACT**

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**EDUCATION**

B.S.

Computer Science

University of Pittsburgh

September 2016 - April 2020

Pittsburgh, PA

GPA: 3.7

**RELEVANT COURSES**

Intermediate programming

Probability & Statistics

Linear Algebra

Applied Econometrics

Game Theory

Calculus 1-3

**SKILLS**

Programming: SQL, Python (Pandas, scikit-learn)

A/B testing and experimentation

Modeling: Linear and logistic regressions

Data Visualization: Excel, Google Sheets, Matplotlib, Tableau

**CAREER OBJECTIVE**

Organized, communicative, and quick-to-learn recent computer science graduate with a year of valuable internship experience that grew knowledge of SQL and Excel. Seeking an opportunity as a data analyst to contribute to Vizance's data conversions and process improvements.

**WORK EXPERIENCE**

Market Research Analyst Intern

Prudential

April 2019 - March 2020

/Pittsburgh, PA

* Received, cleaned, and prepped data from client using Python, SQL, and Excel to help data scientists build marketing mix models that resulted in a lift in ROI of 8 basis points
* Built data visualizations using SQL and Tableau for business KPIs that reduced manual reporting work by 10 hours weekly
* Using Excel and SQL, built calculator for a client to help them prioritize their project roadmap by changing inputs like customer LTV, conversion rate, and organic traffic
* Collaborated with product managers and analysts, gaining insight and growth in marketing aspects and writing documents based off user data
* Identified strategic marketing opportunity for client through detailed analysis with intern team, making recommendations that saved client over $10K in yearly campaign costs

**PROJECTS**

Fantasy Football Modeling

* Aggregated and prepped 6 years of NFL fantasy football projection data from 8 independent sources into MySQL database, which improved winning streak by 78%
* Built a random forest model in scikit-learn that combined disparate sources into one projection that outperformed the mean absolute error of the next best projection by 14%

Movie Recommendation Engine

* Aggregated data from IMDB and Rotten Tomatoes, and used k-nearest-neighbors in scikit-learn to build an improved movie recommendation system
* Saved an average of 17 minutes on movie selection relative to previous methodology
* Built visualizations in Tableau to show how my ratings changed and how the model performed over time