

Nan Xiao

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FlyBuy – B2C Marketing / Data Analytics Internship

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Dear FlyBuy Recruiter,

I'm excited to see your opening for the B2C Marketing / Data Analytics Internship, and I am writing to apply for this position. With a strong passion for leveraging data in business context to solve problems, I think both my academic background and previous experiences make me competitive for this position.

I'm a first-year master student at University of Washington with a Data Science concentration. My specialties include data analytics and visualization, machine learning as well as big data technologies, and I'm comfortable using a variety of analytical tools to accomplish goals both within and beyond classes.

Previously, I had internships in both technical and business fields, which provides me ability to solve real world data-related problems. Besides, I utilized my tech skills in many coursework projects. In my data science project that investigates correlation between Seattle home value and tech job boom, I used R programming to perform **multiple linear regression**, **time series analysis** and **unsupervised machine learning** on over 100,000 tuples of data. In other projects, I used **SQL queries** and **SSIS packages** to implement relational database system and business intelligence systems that answer users' business questions, as well as provide interactive data visualization dashboard using **Tableau** and **Power BI**. Also, I'm familiar with various programming languages (proficient in Python, SQL and R; experience with Java, Shell Commands, HTML and JavaScript).

I'm confident that I can be a productive team player and a resilient quick learner of yours. Please see attached a copy of my current resume. Feel free to reach me through nanxiao@uw.edu, or 206-954-6107. Thanks for your time!

I look forward to your favorable reply.

Yours faithfully,

Nan Xiao