**Yasi Ghalamzan**

Phone: (419) 280-3847, Email: [yasighalamzan@gmail.com](mailto:yasighalamzan@gmail.com)

* Skilled Data Scientist with 3 years of experience in executing data-driven solutions. Experienced at developing machine learning models and analyzing data to deliver insights and implement action-oriented solutions to complex business problems.
* Proficient in Python and Machine Learning to analyze data, visualize data, and develop advanced machine learning models (e.g. Regression, SVM, Random Forest and XGBoost) using different libraries (e.g. Pandas, Scikit-learn, XGBoost, NumPy, SciPy, Matplotlib, and Seaborn).

**EDUCATION**

***Master of Science in Mechanical Engineering (Statistical Mechanics)*** *-* Ohio University, Ohio

*Published a journal article in the field of applied statistics and statistical mechanics.*

***Bachelor of Science in Mechanical Engineering -*** Isfahan University of Technology, Iran

**PROFESSIONAL EXPERIENCE**

**Credibly (Small Business Lending) – New York City, NY Jun 2019 - Present**

***Director, Risk Analytics & Data Science***

* Performing risk analysis and continuous monitoring on $72M securitization vehicle and $130M portfolio.
* Collaborating with finance team for monthly securitization audits.
* Dynamically adjusting underwriting strategies for better approve/decline decision.
* Improved pricing model which led to 6% growth in company’s origination yield for targeted products.
* Performing and presenting detailed KPIs regularly to suits along with executable recommendations.
* Performing various ad-hoc analyses to gain insights and dynamically mitigate credit risks.

**InterContinental Hotels Group (IHG) - Atlanta, GA Aug 2017- May 2019**

***Data Scientist***

* Studied hotels performance and their services individually along with customer behaviors and spending activities to analyze potential opportunities and recommend new strategies accordingly.
* Modeled volatility of hotels’ financial performance and effect of seasonality to improve revenue of hotels during low seasons.
* Studied trends and patterns in several million surveys received from guests staying at more than 4,000 IHG hotels in America’s region and proposed executable solutions to managers and C-levels.
* Developed new KPIs to measure performance of suggested promotional initiatives for IHG’s specific hotel brands.
* Performed ad-hoc analyses and prepared related reports upon request of Sales & Marketing, Analytics and Finance Departments for different purposes such as impact analyses and feasibility studies.
* Developed various machine learning models in Python for various purposes (e.g. Logistic Regression, Random Forest, XGBoost, Gradient Boosting, and SARIMA).

Pathways Financial Credit Union - Columbus, OH Jan 2017 - Jun 2017

***Data Scientist, Intern***

* Improved customers monitoring service using data driven insights and reduced delinquency rates by 5%.
* Performed various data analysis to get a better insight into the business.
* Prepared various monthly ad-hoc financial reports and recommendations on analytic projects.
* Developed and maintained financial reports to clearly communicate actual results and forecasted performance.

**SKILLS**

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| **Programming Languages:** Python, MatLab, SAS, SQL | **Reporting Tools:** Tableau, MS Excel, MS PowerPoint |