KABIR MALKANI

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An entrepreneur and passionate software developer, I love bringing ideas to life. My goal is to leverage technology to help design a better future. Some of my key skills include:

Data Engineering   -   AI & Machine Learning   -   Project Management   -   Full Stack Development

WORK EXPERIENCE

Co-Founder & CTO – Curabit Analytics   *October 2019 - present*

• Architecture of distributed AI chat service with integrated live chat, providing businesses the opportunity to effectively engage with their customers. (GCE, NodeJS)

• Created Curabit's NLP based contextual search algorithm and analytics suite, allowing businesses to deep dive into their customer conversations and reviews. (Django, Flask, GAE, Docker, MongoDB, VueJS)

• Leadership of a 10-person organization using agile principles. Scrum master for development team, and management of marketing, finance, and sales initiatives. (GitHub, Monday.com)

Actuarial Analyst – Sun Life Financial   *September 2020 - present*

• Data standardization and analysis of requirements for various financial models, creating strong audit trails with best documentation practices. (Excel, Sharepoint)

• Simultaneously supporting multiple business units build their actuarial models within deadlines, required under new IFRS17 reporting standards. (GGY Axis)

Data Engineer – Sanofi Pasteur   *May 2018 - April 2019*

• Built an application that used graph theory to structure enterprise resource data, allowing users to identify vaccine compositions through a single search. (Python)

• Created a random forest classification algorithm to detect process instability in real time data, which in turn alerted process managers to potential production issues. (MatLab)

PROJECTS

Crime Forecasting C-LSTM
Led team of 5 through building and showcasing an interactive Keras crime prediction model at the Canadian Undergraduate Conference in AI. Supported organizational efforts as Western's delegate ambassador.

Western AI: Co-Founder & VP
Held lectures of up to 100 people, teaching introductory AI principles. Led hiring and community building efforts.

Match-o-matic
Applied BERT and optimal matching algorithms to create a Valentine's day matching service from survey data.

EDUCATION

Western University: BSc. Data Science and Mathematics   *September 2015- April 2020*

Society of Actuaries Exams: Predictive Analytics, Statistics for Risk Modelling, Probability & Statistics, Financial Mathematics, Investments & Financial Markets

Please visit my website at **kabirmalkani.github.io** *for my full resume and project portfolio.*