Ronnit Roy BURMAN

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OBJECTIVE:
A machine learning engineering graduate with six months work experience as a Data Scientist - seeking opportunities to be able to apply Machine Learning methods and develop algorithms to solve real world industrial problems.

TECHNICAL SKILLS

- **Tools & Languages -** Python, PostrgreSQL, BigQuerry, R, AWS
- **Packages -** NumPy, Pandas, Scikit-Learn, Git, Jupyter, PyTorch, Keras
- **Data Visualization -** Power BI, Matplotlib, Seaborn
- **Machine Learning -** CNN, SVM, Random Forest, PCA, LDA, KNN, Deep Learning
- **Statistical Modelling -** IBM SPSS, Clustering, ANOVA, Logistic Regression, A/B Testing

WORK EXPERIENCE

CURRENT **JUN 2022**	***Data Science Intern* - Tyco Security Products** • Developed a mobile app in **React Native** that was downloaded 100k times on Google Play. • Collaborated in an **Agile/Scrum** team of 8 engineers to deliver new features every 2 weeks.
CURRENT **JAN 2022**	***Teaching Assistant* - University of Waterloo** • SYDE600 - Helped students with the SPRINT protocol for Systems Design methods • SYDE-192L Digital Systems • BME-341L Digital Systems
SEP 2021 **JUL 2016**	***Sr. Systems Engineer* - Johnson Controls** • 10%-30% reduction in energy consumption of Commercial Building by engineering solutions after analyzing data from building sensors such as pressure sensors, temperature and humidity sensors, flowmeters, energymeters, occupancy sensors and the like. • Managed teams across three countries in different timezones to deliver projects (end-to-end) on time • 100% Client retention and 137% increase in Client re-orders as a result of Responsible and charismatic client communication measurable by appreciation emails from clients and 100% response rate 24hrs of client email • Provided five invention disclosures and a Patent to the company within the first two years

TECHNICAL PROJECTS

JUL 2022 **JAN 2022**	***American Sign Language Recogition* - Personal Project** • Created a LaTeX class that makes it easy for anyone to quickly create a beautiful resume and cover letter.
JUN 2022 **OCT 2022**	***GeoSpatial Data Analytics & Data Visualization* - Personal Project** • Created a LaTeX class that makes it easy for anyone to quickly create a beautiful resume and cover letter.
JUL 2018 **JAN 2017**	***Building Traffic Characterization using Building Data* - Personal Project** • Created a LaTeX class that makes it easy for anyone to quickly create a beautiful resume and cover letter.

EDUCATION

DEC 2022 **SEP 2021**	***Master of Engineering* - Artificial Intelligence and Machine Learning** Systems Design Engineering Department University of Waterloo, Waterloo, Ontario	GPA: 89.5
MAY 2016 **JUL 2012**	***Bachelor of Technology* - Electronics and Instrumentation** School of Electrical Engineering VIT University, Vellore, TN - India	CGPA: 8.1