# TARANNUM GUPTA
## Computer Engineering 2B

✉ t23gupta@edu.uwaterloo.ca
https://github.com/t23gupta
https://www.linkedin.com/in/tg1998

## SKILLS

**Languages:**
Python, C++, SQL, Java, PHP, HTML, CSS, JQuery, Matlab, VHDL, ARM

**Tools:**
Amazon Web Services, Subversion, Git, Linux, JIRA, SOAPUI, Postman, Tableau, Google Analytics, Google Tag Manager

**Other:**
Agile, Facilitation Skills, Lean, Six Sigma, JSON, XML, Bootstrap, Laravel

## PROJECTS

**Employee Turnover Prediction (Amazon Machine Learning, Python):**
https://github.com/t23gupta/ML-EmployeeTurnoverPrediction
Leveraged Amazon Machine Learning and Python libraries to predict employee turnover with 86% and 82% accuracy rates respectively

**Waterloo EngHack Hackathon (Java):**
https://github.com/t23gupta/EngHack-Project
Collaborated to develop a Tic-Tac-Toe game with group members

**Website (Bootstrap, HTML, CSS):**
https://github.com/t23gupta/Website-on-Dubai-Tourism
Currently designing a responsive website on Dubai Tourism using Bootstrap, HTML, CSS and JavaScript

## EDUCATION

**University of Waterloo    2016 - Present**
Candidate for Bachelor of Applied Science in Computer Engineering

## WORK EXPERIENCE

**Data Engineer**                                   **May 2018 – Aug 2018**
**EllisDon Corporation, Mississauga, ON**
- Built ETL data pipeline by extracting data from third party applications using their SOAP and restful APIs to store it in a Data Lake and a MySQL Data Warehouse using Python
- Deployed the data pipeline in AWS cloud using technologies like EC2, S3, Lambda, RDS, Secrets Manager and Cron and managed networking with Security Groups, IAM Roles etc.
- Collaborated with a multidisciplinary team in an Agile work environment

**Reporting Developer/Analyst**                     **Sep 2017 – Dec 2017**
**TELUS, Toronto, On**
- Developed front end features and graphic design for Scorecard web app
- Analyzed project data using MS SQL implementation in Tableau to compute project completion related metrics
- Integrated and wrote PHPUnit tests in Laravel framework for web app
- Presented project progress, roadmap and next steps to Director and VP
- Facilitated resume scanning, question preparation and interviews of future co-op students

**Front-End Developer**                             **Jan 2017 – Apr 2017**
**Pave AI – Automated Analysis, Waterloo, ON**
- Created intuitive web UI using HTML and CSS resulting in 10% increment in lead generation
- Incorporated accordions, slideshows, forms, Google Maps with pointers, review feeds etc. using APIs, plugins and widgets
- Designed marketing brochures and prospectus for company's social media handle
- Prepared guide on goal setup and tracking in Google Analytics and Tag Manager for lead generation and ecommerce websites

**Technical Marketing Intern**                      **May 2016 – Aug 2016**
**Terrazzo Dubai Co. LLC, Dubai, UAE**
- Prepared technical report on Fire Testing construction material to obtain Flame Spread Index and Smoke Developed Index
- Analyzed material constituents and its usage for construction in accordance with ASTM E84 standards
- Visited consultants and contractors to market construction products

## ACTIVITIES

| | |
|---|---|
| **Dance Choreographer, UWICA (UWaterloo)** | **Jan 2018 – Apr 2018** |
| **Co-op Connection Volunteer, FEDS (UWaterloo)** | **May 2017 – Aug 2017** |
| **Academic Class Rep (UWaterloo)** | **Sep 2016 – Dec 2016** |