

SKILLS

SUMMARY

- Languages
- R, C, C#, Racket, JavaScript, HTML5, CSS3, Python
- Technologies, Libraries and Frameworks
- Excel, PPT, Bash, Git, Flask, API, Pandas
- Additional Skills
- Excellent communication skills developed through leadership positions on campus and past work/ volunteer experience
  - Great time management and task planning skill developed through organizing school and online learning activities
  - Outstanding teamwork and cooperative skills established through working on collaborative projects with peers

PROJECTS

- Personal Website [github.com/dylanguo1129/MyWebsite](https://github.com/dylanguo1129/MyWebsite)  
April 2020
- Designed and created a resume website that highlighted my experience and achievements to employers
  - Built the front end using HTML5, CSS3 and JS, and the back end on Flask, Implemented the API feature to allow file download
  - Used Linux, Command Line to operate system and files
  - Stored the files using Git, Cloud and Virtual Machine
- [github.com/dylanguo1129/Classification-Tree-Project](https://github.com/dylanguo1129/Classification-Tree-Project)  
May 2020
- Classification Project
- Built a decision tree model to classify corrupted employees at Enron with 21 variables, achieving an accuracy rate of 75%
  - Conducted data cleaning, data analysis, data modeling, model testing, and visualized final results using Python
  - Understood basic concepts of machine learning and improved statistical and analytical skills

EXPERIENCE

- Marketing Associate at Cosmo Music May 2017
- Advertised for Cosmo Music’s Festival Event around shopping malls by distributing flyer
  - Cooperated with teammates to successfully finish the job in 3 days
- International Languages TA Volunteer at Markville Secondary School Jan 2017 – April 2017
- Assisted the teacher in organizing the classroom and leading class activities, as well as taking good care of students
  - Printed, distributed, and collected lecture materials, supporting 20+ students with their learning
  - Cooperated with program staff to arrange and distribute 1000+ textbooks to classes in all grades
- Percussion Lead of Richmond Green Symphonic Orchestra Jun 2015 – Jun 2019
- Participated in various high school music band competitions and achieved excellent results
  - Participated in 30+ formal performances, demonstrating strong teamwork and communication skills

EDUCATION

- University of Waterloo 2019– Present
- Candidate for Bachelor of Math, Honours Math, Statistics Major
  - **Courses:** Linear Algebra, Calculus, Probability, Statistics, Elementary Algorithm Design and Data Abstraction, Microeconomics

INTERESTS

- Hobbies
- Solving puzzles, playing piano, singing, travelling, sports (Ping-Pong, badminton, etc.)