MERIH MARC ATASOY

Industrial Engineering – University of Toronto

Address:	Mississauga, ON, CANADA L4Y
Mobile:	647 – 980 – 6185
Email:	merih.atasoy@mail.utoronto.ca
Github:	github.com/marcmerih

EDUCATION

UNIVERSITY OF TORONTO – ST. GEORGE | BASC. INDUSTRIAL ENGINEERING (3RD YR GPA: 3.5)
- MAJORING IN OPERATIONS RESEARCH
- PURSUING A MINOR IN ARTIFICIAL INTELLIGENCE & MACHINE LEARNING
- EXPECTED GRADUATION: APRIL 2021 (2020 + 16 MONTH PROFESSIONAL EXPERIENCE CO-OP PROGRAM)

PERSONAL QUALIFICATIONS

- OUTREACH PROGRAM (HIGH SCHOOL):
  - VICE PRESIDENT – 2016
- TUTOR (HIGH SCHOOL):
  - ADVANCED FUNCTIONS – 2016
  - CALCULUS – 2015, 2016
- VEX ROBOTICS TEAM (HIGH SCHOOL)
  - EXECUTIVE (JUNIOR & SENIOR YRS)
  - PNEUMATICS SPECIALIST (SOPHOMORE YR)
  - GLOBAL COMPETITION SEMI-FINALS – AUTONOMOUS & CONTROLLED ROBOTICS (KENTUCKY, US)
- EXTRACURRICULARS:
  - PIANO (11 YEARS)
  - GUITAR (4 YEARS)
  - SAILING (5 YEARS), SOCCER (16 YEARS)
  - HIGHLY ADVANCED WITH ADOBE SUITE (7 YEARS)
- LANGUAGES:
  - ENGLISH (NATIVE PROFICIENCY)
  - TURKISH (NATIVE PROFICIENCY)
  - ITALIAN (ELEMENTARY PROFICIENCY)

TECHNICAL QUALIFICATIONS

- PROGRAMMING LANGUAGES:
  - JAVA (ADVANCED)
  - PYTHON (ADVANCED)
  - ANGULAR 8 (ADVANCED)
  - HTML5, CSS3 (ADVANCED)
  - SQL (ADVANCED)
  - GIT (ADVANCED)
  - DEV-OPS (JENKINS)
- INDUSTRIAL ENGINEERING TECHNICALITIES:
  - LINEAR, INTEGER, AND DYNAMIC PROGRAMMING
  - NON-LINEAR, QUADRATIC, BI-LEVEL PROGRAMMING
  - STOCHASTIC MARKOV DECISION PROCESSES
  - DECISION ANALYTICS:
    - LINEAR AND LOGISTIC REGRESSION
    - CLASSIFICATION AND REGRESSION TREES
    - CLUSTERING
  - STOCHASTIC & MONTE CARLO SIMULATION, QUEUING THEORY, DECISION MAKING UNDER UNCERTAINTY, DISCRETE-EVENT SIMULATION

EXPERIENCE

SOFTWARE DEVELOPER (FULL TIME – PROF. EXPERIENCE YEAR VIA UOFT) — MAY 2019 – INTACT INSURANCE
- Part of an Agile Scrum software development team delivering an internal project to allow Intact brokers and underwriters to acquire a quote for external clients through our application.
- Responsible for the technical design & delivery of software features using Angular8, JavaScript, expressJS, and HTML; fixing critical production issues; part of the CSS Taskforce team as a SME; and code review of other developers. Also created a CSS Framework document outlining guidelines for all other developers and seniors involved in the project.

FANTASY PREMIER LEAGUE – PREDICTING UPCOMING YEAR'S "BEST POSSIBLE TEAM" — JANUARY – APRIL 2019 UNIVERSITY OF TORONTO
- Cleaned and carried out statistics on FPL data from 2014/15 – 2017/18 (such as mean/variance calculations, scatter plots, log transformations, R^2 regression analysis for relationships) and created a prediction model combined with an integer program on each position, to choose the best possible starting XI for 2018/19. The predicted team scored 130 points more than 2019's FPL winner (under a few preliminary model assumptions).

UTEFA – ANALYST (2019-2020), VICE-PRESIDENT (2020-2021) — SEPTEMBER 2019 – UNIVERSITY OF TORONTO ENGINEERING FINANCE ASSOCIATION
- Analyst: Performed qualitative and quantitative analyses on stocks to pitch investment ideas to shareholders and helped present weekly market updates.
- Vice President: Will run a quant team to deliver an ML project in a finance setting, organize networking events and weekly meetings, and work with the President to network with MDs.

VOLUNTEERING

- YNCN – FALL CAREER FAIR:
  - Volunteer for *You're Next Career Network*.
- FROSH LEADER – UNIVERSITY OF TORONTO:
  - Organized & lead excursions during Frosh week

AWARDS & HONOURS

- ONTARIO SCHOLAR:
  - Graduated H.S. with a ~ 92% avg. in 2016.
- GAUSS MATHEMATICA COMPETITION:
  - Award of Distinction