

MERIH MARC ATASOY

Industrial Engineering – University of Toronto

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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: MAY 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 REG. TREES
 - ✦ CLUSTERING
 - STOCHASTIC & MONTE CARLO SIMULATION, QUEUEING THEORY, DECISION MAKING UNDER UNCERTAINTY, DISCRETE-EVENT SIMULATION

EXPERIENCE

SOFTWARE DEVELOPER (FULL TIME – PROF. EXPERIENCE YEAR VIA UOFT)

MAY 2019 – AUGUST 2020

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