Marko **Mijovic**

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EDUCATION

UNIVERSITY OF CALGARY
MEng in Software Engineering
May 2021-Ongoing | Calgary, AB

UNIVERSITY OF CALGARY
Bachelor of Science
Sep 2016-May 2021 | Calgary, AB
Major: Mechanical Engineering
Minor: Mechatronics
cGPA: 3.87 / 4.0

SKILLS

SOFT SKILLS
Self-Starter • Took initiative to increase work/product quality and learn new skills
Leadership • Was an engineering VP of a university club that competed internationally
Communication • Presented work related results to clients and senior management
Public Speaking • Delivered engineering club recruitment speech to hundreds of students

PROGRAMMING LANGUAGE
Python3 • Java • Javascript(ES6) • HTML
CSS • C • MATLAB

WEB DEVELOPMENT
React • Node.js • Express.js • JQuery
MongoDB / Mongoose • EJS

DATA SCIENCE
Pandas • Numpy • PowerBI

MACHINE LEARNING
Scikit-Learn • PyTorch • Azure ML Studio

CLOUD
Microsoft Azure

TOOLS
Git • Docker • SolidWorks

EXTRACURRICULAR

STUDENT CLUB
- VP Mechanical Engineering and Project Manager at Schulich UAV

HACKATHON
- 2nd Place Insurance Institute of Canada Student Hack
- HYL Summer 2021 Hackathon

WORK EXPERIENCE

ALTAML | Machine Learning Developer Intern
July 2021 – Sep 2021 | Calgary, AB
- Worked on a $20M/yr ROI machine learning project and brought an idea to proof of concept functional product
- Coordinated with the client on technical aspects of the project and set mutual business expectations / measures of success
- Utilized mechanical engineering experience to transfer the subject matter knowledge and effectively implement it in the code
- Developed production ready, scale-able, and maintainable code following AGILE methodology
- Implemented deep learning and various statistical machine learning frameworks in Python and Microsoft Azure Machine Learning Studio

TC ENERGY | Risk and Engineering Strategy Intern
May 2019 – Aug 2020 | Calgary, AB
- Built ETL pipelines to automate data analysis, visualization, and management reporting using Python
- Saved time of management and senior engineers
- Showcased his work in a company wide lunch and learn event

HEATLINK | Assistant Production Manager
May 2018 – Aug 2018 | Calgary, AB
- Improved product quality by designing a fatigue-inducing mechanism whose data helped management's decision making process

PERSONAL SOFTWARE PROJECTS

TO-DO WEB APP | Website, GitHub
JavaSript, Node.js, Express.js, EJS, MongoDB, Mongoose
- Developed a to-do list web app tracker using Node.js and Express.js
- Implemented MongoDB database in Node.js with Mongoose

PERSONAL BLOG | Website, GitHub
JavaSript, Node.js, Express.js, EJS, Bootstrap, MongoDB, Mongoose
- Built a finance newsletter subscription service using
- Integrated a mock-up Stripe API payment system

FINANCE NEWSLETTER | Website, GitHub
JavaSript, Node.js, Express.js, Bootstrap
- Built a finance (mock-up) newsletter subscription service using Node.js and integrated Mailchimp's API

SORTING VISUALIZER | Website, GitHub
JavaScript, React
- Made a react web application with Node.js in which the user can visualize selected sorting algorithms
- Implemented Selection, Bubble, Insertion, Merge, and Quick Sort

SIMON GAME | Website, GitHub
JavaSript, jQuery, HTML, CSS
- Created a JavaScript mimic of the memory skill game Simon