

ILAN FARABI

Ann Arbor, MI

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EDUCATION

University of Michigan

08 2020 – 12 2023

B.S. – Economics

Ann Arbor, MI

Minor – Computer Science

COURSEWORK / SKILLS

- Elementary Programming Concepts
- Discrete Mathematics
- Programming and Introductory Data Structures
- Software Engineering
- Data Structures and Algorithms
- Money & Banking
- Intermediate Microeconomic/Macroeconomic Theory
- Game Theory

INTERNSHIP

United Wholesale Mortgage ↗

05 2023 – 08 2023

IT – Application Development Intern

Pontiac, MI

- Directly collaborated with the AVP of Product Development on the backend technological enhancements of microservices and a monolithic solution.
- Developed solutions to technical debt within the UCLOSE application which processes over 20% of mortgages in the pipeline
- **Summer Project:** Built a microservice designed to manage information about user updates in Bitbucket as well as calculate the risk of pull requests

MassMutual Great Lakes ↗

05 2022 – 12 2022

Financial Planning & Analyst Intern

Southfield, MI

- Compiled a market update 2 times per week that consisted of any policies coming from the Federal Reserve, financial market trends, and various measures of consumer sentiment
- Increased knowledge base on **asset diversification, estate creation/conservation, and insurance attributes**

PROJECTS

Bitbucket API Change Risk Analysis | C#, SQL, Bitbucket, Jira, Visual Studio

06 2023 – 07 2023

- Aggregated and stored all user input data in a local SQL database and an internal data mart
- Interacted with the Bitbucket API within our microservice in order to receive accurate and up-to-date information

Machine Learning Post Subject Identifier ↗ | C++, VS Code, GitHub

03 2021

- Automatically identify the subject of posts from Piazza using **natural language processing and machine learning techniques**

RELEVANT SKILLS

Languages: Python, C, C++, C#, SQL, R Studio

Developer Tools: Microsoft Power BI, Excel, Visual Studio, VS Code

Technologies/Frameworks: Microsoft, Linux, GitHub, Bitbucket, Jira, Git, .NET

LEADERSHIP/EXTRACURRICULAR

U of M Men's Water Polo ↗ 2022 Big Ten Champs | Nationals 3rd Place

08 2020 – 05 2024

Executive Board – Treasurer

Ann Arbor, MI

- Manager of all funds entering and exiting the organization's ledger
- Coordinator of all in-state and out-of-state tournaments and official events

Michigan Hackers ↗ & Michigan Climbing Club ↗

11 2021 – 04 2024

Ann Arbor, MI