

Montreal, Canada

□ azinsaz@gmail.com

Ali Zinsaz

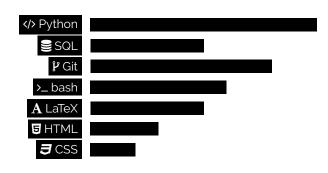
azinsaz.qithub.io

Q github.com/azinsaz

y @azinsaz

WHO AM I?

I'm a physics graduate with background in engineering, currently employed as QA associate in SparkMicrosystems. Launched an algorithmic trading platform as a side job, using technical analysis and machine learning, to forecast the financial markets.











2021 - Present full time

QA Associate Spark Microsystems Test associate and automation expert. In charge of testing both hardware and software in an Ultra

Wide Band (UWB) chip-set company. Tasks include, QA, test automation, test pipeline, CI Python / CI/CD / Pytest

2020 - Present

Full stack developer

Launched an algorithmic trading platform, using Technical analysis to forecast financial markets and fundamental analysis with Natural Language Processing (NLP) to analyse the sentiment from news as well the social media. Utilizing machine learning models to create and optimize portfolios. Dashboard and front end development mostly for visualization purposes

Python / SQL / pandas / plotly / Dash / data engineering / data visualization / Linux / Bash / CLI / Git

Bachelor of Science in Material Science and Engineering

2020 - 2021 part time

Research Assistant

Concordia University

Research on a simulation project within the field of quantum photonics and solid state physics, using python to simulate the propagation of electromagnetic fields in micro meter size ring res-

onators

Python / Electromagnetism / Quantum Physics / Simulation / Numerical Analysis

EDUCATION

2011 - 2017

2019 - 2021 **Bachelor of Science in Physics**

Concordia University GPA 91%

Montreal, Canada

University of Tehran

Tehran, Iran

THONOURS & AWARDS

- · Granted Concordia Undergradute Student Research Award.
- · Placed in faculty of arts and science scholar's dean
- · Placed within first 100 in Iranian Physics Olympiad.

LANGUAGES

English - proficient Farsi - native French - basic

③ HOBBIES

I love doing outdoor activities, learning and traveling.

Passionate about science and philosophy