

SHOMRIK MONDAL

18597 Cox Avenue | Saratoga, CA 95070 | 408-668-5761 | shomrik@gmail.com | <https://www.linkedin.com/in/shomrik/>

OBJECTIVE

I am seeking an entry-level position in the intersection of finance, computer science, and data science, aiming to apply my knowledge to contribute to the development of innovative products and services. Simultaneously, I am eager to acquire new experiences and skills in this dynamic field.

ACADEMICS

Bachelor of Arts

Macalester College

Fall 2020 -
Spring 2024

- Majors:
 - Economics
 - Computer Science
- Relevant Coursework:
 - Empirical Finance, Capital Markets, Introduction to Econometrics, Intermediate Micro & Macroeconomic Analysis
 - Statistical Machine Learning, Algorithm Design & Analysis, Intro to Artificial Intelligence, Data Structures, Software Testing, Software Design/Development, Discrete Mathematics, Linear Algebra
- Academic Projects:
 - Capstone paper - Critically analyzed the efficiency of the VGG16 image recognition model in the context of bird species identification, exploring avenues for optimization to enhance its performance in a paper (COMP 484 - Introduction to Artificial Intelligence)
 - Statistically examined the impact of a salary cap on the success of teams in the National Hockey League and discussed my findings in a paper (ECON 381 - Introduction to Econometrics)
 - Statistically examined the impacts of utilizing powerlifting equipment, specifically straps, on powerlifters' maximum lifts in deadlifts, squats, and bench (STAT 155 - Introduction to Statistical Modeling)
 - Created a web hosted truth or dare game for multiplayer users using JavaScript, HTML, and ReactJS (COMP 225 – Software Design and Development)
 - Used Java to create a data management program to store, categorize, and retrieve donation data (COMP 128 - Data Structures)

- Created a hexagonal version of 2048 game in Java (COMP 127 - Object-Oriented Programming and Abstraction)

SKILLS & ABILITIES

- Java, Python, HTML, JavaScript, R, and Stata
- Gitlab, IntelliJ, VSCode, JUnit, Jira
- Microsoft Excel, Word, and PowerPoint
- Leadership, effective communication, presentation, and collaboration

EXPERIENCE

Software QA Engineer Intern

07/2022 –

Flywheel.io

11/2022

- Implemented automated testing using Python and conducted manual testing as a part of

the Core Data Management team. In addition to working with existing test cases, I wrote

new test cases and plans.

- Worked with the frontend team reviewing merge requests. These ranged from UI fixes to

implementation of new features.

NCAA Division III Football, MIAC

08/2020 –

Kicker

11/2023

Macalester College Football

- Four-year player on Macalester's Varsity team
- Cultivated a robust work ethic, honed team-building skills, and demonstrated leadership prowess, both in practical settings and within the confines of the weight room.
- Dedicated approximately 25 hours per week to a combination of practice, weightlifting sessions, meetings, and competitions, all while successfully managing a full course load.
- Conducted meetings with potential football recruits and their families, providing guided tours of the campus and facilities. Additionally, shared insights into my personal experiences as a student-athlete through participation in a player panel.

REFERENCES

- Mario Solis-Garcia, PhD, Professor at Macalester College & Academic Advisor (msolisga@macalester.edu)
- Phil Nicolaides, Head Football Coach at Macalester College (pnicola2@macalester.edu)