

Education

Monash University | Bachelor of Engineering (Honours) and Bachelor of Commerce

- Specialising in Software Engineering and Majoring in Business Analytics
- GPA of 3.88/4.
- Commendations for highest grade in FIT2085, Introduction to computer science and FIT2004, Algorithms and data structures.

Glen Waverley Secondary College | Victorian Certificate of Education

- ATAR of 99.55.
- School Dux of VCE Algorithmics (HESS) 2019.

Work History

Software Engineering Intern | The Trade Desk | Nov 2024 - Feb 2025

- Built and optimised backend services as part of the UID2 team to support real-time configuration updates, enhancing scalability and reducing maintenance complexity.
- Implemented testing and monitoring solutions to mitigate risks and ensure deployment reliability.

Quant Trader Developer Intern | Tibra | Jan 2024 - Feb 2024

- Designed and implemented an asynchronous algorithmic trading bot on the Tibra Internal Market.
- Performed comprehensive backtesting, researched various strategies, and optimised parameters for profitability.

Tech Project Consultant | 180 Degrees Consulting | Jul 2023 - Nov 2023

- Implemented a website for the management of volunteers and outreaches for a Not-For-Profit.

Projects

Ebay Product Scraper | Python, Web Scraping | github.com/BehnamMozafari/Ebay-Product-Scraper

- Leveraged PyQt and BeautifulSoup to develop a web scraper to collect Ebay product information.
- Designed with a user-friendly GUI, the tool streamlines the web scraping process, ensuring an intuitive experience for users.

Text-Based Elden Ring | Java, OOP | github.com/BehnamMozafari/Text-Based-Elden-Ring

- Developed a Text based adventure game inspired by Elden Ring, following strict OOP design principles.
- Included multiple maps, environments, enemies, weapons and an in-game equipment shop.

ScrumMaster | Javascript, HTML, CSS, Scrum | github.com/BehnamMozafari/ScrumMaster

- Built a comprehensive Scrum management web tool utilising agile software development practices.
- Designed and implemented features for task creation, sprint management through a Kanban view, and team member analytics.

Community

High Performance Computing team | Monash DeepNeuron | Apr 2024 - Present

Mentor | Ravi's Study Program | Nov 2024 - Present

Winner of CPC X RSP Competitive Programming Competition | Feb 2024

Peer Mentor | Monash University Business School | Jan 2023 - Jun 2023

Monash University Engineering Australia Accreditation Panel 2023 | Mar 2023 - Apr 2023

Skills

Languages | Python, C, Java, R, SQL, Javascript, HTML

Tools & Development Techniques | Git, OOP, Data Analytics