

Rishabh Venu

PART-TIME SOFTWARE DEVELOPER

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Education

Meadowvale Secondary School

Mississauga, Canada

Sept. 2020 - Jun. 2024

- SHSM (Special High Skills Major) Student
- Standard First Aid & CPR Certification
- Tutor Executive of Computer Science Club

University of Waterloo

Mississauga, Canada

COMPUTER ENGINEERING, BACHELORS

Aug. 2024 - Apr. 2029

Work Experience

Senior Studios

Remote

FREELANCER & MANAGER

Feb. 2020 - Jul. 2023

- Developed Minecraft plugins, leveraging **Java** for plugin development and using **MySQL** for efficient data storage and retrieval
- Programmed Discord bots utilizing **Node** and the Discord.js library to create interactive and automated bots
- Managed commissions for **100+** clients & freelancers
- Reviewed applications of **50+** potential freelancers and recruited **30+** developers

Entity Builds

Remote

FREELANCER

Apr. 2022 - May. 2022

- Engineered pay-as-you-play golf plugin for **CryptoShack** using **Java** including complex mechanics such as live action-bars and retrieving from a crypto wallet which stores **1,700+ ETH**
- Server had a **100+** player average

TbhHonest

Remote

SOFTWARE DEVELOPER

Mar. 2022 - Apr. 2022

- Created paper airplane Minecraft plugin in youtube video with **180K+** views for youtuber with **350K+** subscribers using **Java**
- Coded complex pathfinding AI and designed custom model for airplane

Projects

KitPvP Plugin

- Minecraft duel plugin with **250K+** downloads and used by **YouTuber** with **350K+** subscribers
- Added MySQL support using Java and helped create developer API for other programmers ease

Stock Risk Analysis Calculator

- Analyze the risk factor of a stock given the ticker using **Python**
- Calculates beta, debt-to-equity, interest coverage and degree of combined leverage using **Yahoo Finance** and web-scraping microaxis
- Used **Flask** to create REST API that is called by **React** website

Honors & Awards

- 2023 **Participant**, Hack the Valley
- 2023 **Participant**, Hack the North
- 2019 **1st Place**, Zebra Robotics CroC December
- 2019 **3rd Place**, Zebra Robotics CroC June
- 2018 **1st Place**, Zebra Robotics CroC Winter