

Eddy Guo

www.eddyguo.ca

Email: eddyyanruguo@gmail.com

GitHub: github.com/eddy-guo

Skills

Languages: JavaScript, Python, Solidity, C++, HTML, CSS

Technologies: TypeScript, Node.js, React, Next.js, Vue.js, Web3/Ethers, Flask, Django, Redis, SQL

Experience

Jackal Labs, *Software Engineer* | Ottawa, ON

Aug. 2022 – Present

- Built Jackal's frontend allowing for user accessibility and secure connection to Canine (CosmosSDK blockchain)
- Developed an airdrop checker for 1000+ stakers to calculate their address's owed \$JKL with Keplr integration
- Contributed to testnet API development and tested viability by building a dashboard using those endpoints
- Implemented a notification bot to monitor the status of our validator nodes and other Cosmos blockchains

ATS Automation, *Software Developer* | Cambridge, ON

Jan. 2022 – Apr. 2022

- Designed and developed the Illuminate manufacturing execution system (MES) specific to project requirements
- Managed and organized project backend data with SMSS; contributed to Illuminate's most updated version launch
- Adapted ATS Illuminate's front-end to account for visible element changes when translating to various languages
- Participated in customer relations with Pelaton, Bausch+Lomb, Axon, etc. to note future improvements/solutions

Process Fusion, *Software Developer* | Toronto, ON

May 2021 – Aug. 2021

- Developed a Live Chat Widget for PF's Customer Support Page (Stream Chat API) for consumer convenience
- Built a data-saving form to record sales dept. information and retain it in a database (Next.js, PostgreSQL)
- Enhanced file intake and output directories of CP-1 Workflow, improving efficiency of document processing by 25%
- Created interactive visual reports (Power BI with Oracle, SQL, SharePoint) to present customer & company data

Projects

Habipets | *Solidity, JavaScript (React), HTML, CSS, Altura API*

habipets.vercel.app

- Habit tracking application exploring GameFi - log daily habits, mint Smart NFT rewards upon various milestones
- NFTs change dynamically relative to current streak and achievements - avoid gas costs through off-chain updates

snip3r | *Ethers.js, Web3.js, JavaScript (Next), HTML, CSS, Figma, Reservoir API*

showcase/snip3r

- DApp which predicts promising upcoming NFT collections by dynamically analyzing recent whale transactions
- "snipe" NFTs from marketplace relative to floor price, rarity, and traits - flashloan to avoid mempool searchers

Co:herent | *JavaScript (Next, React), HTML, CSS, Cohere API*

coherentapp.tech

- Web app that leverages co:here's generative API to streamline communication with the hearing impaired
- trained NLP model to give response suggestions based on user inputted keywords and context of the conversation

Eddy Selfbot | *Python, Pyppeteer, Pytesseract*

eddy-guo/discord-auto-joiner

- Python script that automatically joins exclusive NFT Discord server invites by scraping tweets from Twitter API
- Tesseract OCR used to bypass invite codes hidden in pictures; Chrome/Discord profiles generated via Pyppeteer

Awards and Interests

ETHToronto 2022 Finalist: Top 10 overall hack (600+ participants), 2nd best AlturaNFT hack

Hack Western 9 Winner: 1st place overall hack (300 participants)

World Sport Stacking Association International Championships Finalist: Team Canada representative, top 10 placements in various events worldwide

UW Blockchain Club Developer + Analyst: currently spearheading blockchain projects, organizing technical workshops, developing on-chain analytics and researching various web3 topics

Education

University of Waterloo

Waterloo, ON

Honours, Bachelor of Computer Science, President's Scholarship of Distinction

Sept. 2020 – Present