

# Eddy Guo

www.eddyguo.ca

**Email:** eddyyanruguo@gmail.com

**GitHub:** github.com/eddy-guo

## Skills

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

**Technologies:** TypeScript, React, Next.js, Node.js, Vue.js, Web3.js, Ethers.js, CosmosSDK, Flask, Django, PostgreSQL

**Tools:** Git, Bash, Linux, Heroku, Vercel, Netlify

## Experience

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**Jackal Labs, Software Engineer** | Ottawa, ON

*Aug. 2022 – Present*

**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

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**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

**Discord Auto Joiner** | Python, Pypeteer, 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 Pypeteer

**Crypto Tracker** | Python, HTML, CSS

eddy-guo/crypto-tracker

- Dynamic web application that tracks live cryptocurrency prices, crypto exchange info, and wallet address info
- Utilized Redis cache to speed up application performance and efficiency, reduce total API calls from CoinGecko

## Awards and Interests

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

**ETHToronto 2022 Finalist:** Top 10 overall out of 600+ attendees, 2nd Best AlturaNFT Hack

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

## Education

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**University of Waterloo**

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

Waterloo, ON

*Sept. 2020 – Present*