Regina Yuk Na Chow

REGINACHOW@PM.ME | 0402 520 620 | https://rchow.dev/ | MELBOURNE, VIC
https://www.linkedin.com/in/reginachow625 | https://github.com/iggyiccy | https://www.hackerrank.com/reginachow625

SUMMARY

Web3.0 developer and experienced CPA Associate with strong collaboration, communication skills, and great attention to detail. Joined Aus Merchant and its subsidiary Culture Vault in 2021 to develop a NFT marketplace for 1st sales and help local artists, curators and brands mint and promote their NFTs. Advanced my skills in Solidity smart contract development, full-stack web development utilising web3.0 tools and maintaining AWS cloud infrastructure by being a core developer at Culture Vault. Contributed to open-source projects such as Hong Kong Metas, Snapshot DAO, Minds, Lemmy and Aragon while helping the LBRY Foundation with community management. Attend hackathons almost monthly outside school to learn new technical skills and improve problem-solving skills, demonstrating a strong interest in financial technology. Earned the FinTech Bootcamp certificates issued by Monash University and completed the Consensys Academy Blockchain Developer Bootcamp to further develop blockchain development skills.

EDUCATION

Consensys Blockchain Developer Bootcamp Certificate   Sep 2021 - Dec 2021
- Blockchain, Ethereum ecosystem and web3.0 fundamental
- Smart contract focus

Monash University FinTech Bootcamp Certificate   May 2021 - Nov 2021
- "A" academic average achieved to date
- Data analysis, machine learning, and blockchain focus

University of California, Berkeley (BerkeleyX)   May 2021 - Present
Professional Certificate in Blockchain Fundamentals
- Blockchain focus

CPA Program Australia   Jul 2019 - Present
- Completed 4 units to date
- 320 CPD hours accredited in the current triennium

Monash University - Clayton Campus   July 2017
Bachelor of Commerce (Accounting and Finance)
- Credit academic average achieved

PROJECTS

Consensys Blockchain Developer Bootcamp - Decentralised Game Trading Platform
- Building a decentralised game trading platform where users can freely trade second hand games through the trustless smart contract without needing to rely on any middleman. Core features have already been developed and are working to improve user experience.
- This is originally a bootcamp final project turned into a personal side project.
- Link to the showcase: *https://degame.tech*

Monash University FinTech Bootcamp - Currency Converter Dashboard
- Built a cryptocurrencies converter to convert crypto into different local currencies using real-time data
- Display financial ratios in plots, historical trends, and price in local currency in a map using the Mapbox API
- Designed a Plotly Dash dashboard with tabs using Python, HTML formatting, callbacks, and CSS
- Link to the showcase: *https://github.com/iggyiccy/currency-dashboard-converter*

Monash University FinTech Boot Camp - Deep Learning Trading Application
- Built a Streamlit mobile application to display trading signals, e.g. whale alert, Ichimoku, LSTM, RSI
- Implemented LSTM deep learning algorithm to predict stock and cryptocurrencies prices
- Link to the showcase: *https://github.com/iggyiccy/Crypototo-Roboto*

Monash University FinTech Boot Camp - Shitcoin Playground
- Built a web application deployed on Ropsten testnet with Next.js and Hardhat allow users can easily create their own ERC20 token through our user interface in a few clicks
- Link to the showcase: *https://github.com/iggyiccy/shitcoin-playground*

HACKATHONS

ETHGlobal Road To Web3 Hackathon   Feb 2021
- Participated in the 3-day long hackathon to build a customisable self-minting NFT Dapp where users can customise their own comic-blocks-like NFT and self mint it onto the Polygon blockchain. Rewarded 296 USDC prize from Polygon.
- Link to the showcase: *https://showcase.ethglobal.com/roadtoweb3/web3-comic-blocks-nft*

ETHGlobal NFTHack Hackathon   Jan 2022
- Participated in this weekend hackathon to demonstrate how members can interact with the membership smart contract and access exclusive content through the Dapp we built to support hosts with any form of cryptocurrencies. Rewarded 125 USD worth of UDT prize from the Unlock Protocol.
- Link to the showcase: *https://showcase.ethglobal.com/nfthack2022/member-only-event*

ETHGlobal ETHOnline Hackathon   Jun 2021 - July 2021
- Hacked solo on this 4-week long hackathon to build a Dapp that can generate personalised NFT based on personality test results. Dapp was built using Next.js, Hardhat, NFTPort and deployed on IPFS through Fleek and users receive their personalised NFTs on Ethereum testnet. Rewarded 500 DAI prize from NFTPort.
- Link to the showcase: *https://showcase.ethglobal.com/ethonline2021/personalised-nfts*

ETHGlobal HackMoney Hackathon   Jun 2021 - July 2021
- A 3-week long hackathon focuses on Defi and teams up with other four attendees to build a decentralised Medium alternative utilising protocols such as Superfluid. Rewarded 200 DAI prize from Superfluid.
- Link to the showcase: *https://showcase.ethglobal.co/hackmoney2021/decentralized-medium*

Encode Club HackAfrica Hackathon   Jul 2021 - Aug 2021
- An 8-week long hackathon focuses on building an Africa-focused blockchain solution. Led a team of five and implemented SushiSwap into our own front-end designed for African audiences.
- Link to the showcase: *https://github.com/iggyiccy/sushi-dapp*

Australia GovHack 2021 Hackathon   Aug 2021
- A 2-day long hackathon to create concepts, mashups and models with open government data. Worked on the topic of "safeguarding citizens privacy", developed a web application to demonstrate how to use NuID to bring trustless authentication API and decentralised identity solutions to improve government IT infrastructure.
- Link: *https://hackerspace.govhack.org/projects/private_authantication_using_zero_knowledge_proof*

Codegeist 2021 Hackathon   Aug 2021
- An application built on top of the Atlassian Confluence platform. After installing the app, simply use the slash command "/Random Dev Meme Generator" to get a randomly generated developer meme.
- Link to the showcase: *https://github.com/iggyiccy/codegeist_2021*

TECHNICAL SKILLS

Data Analysis:	Python | Pandas | NumPy | SQL | Plotly Dash | Streamlit | Monte Carlo Simulations
Machine Learning:	SciPy | PyTorch | TensorFlow | Natural Language Processing | Deep Learning | Keras
Web Development:	JavaScript | TypeScript | Go | React | Next.js| Tailwind CSS | LESS CSS | AWS Lambda, SageMaker, S3, EC2, Route53, CloudFront, API Gateway | Docker | Jest | Cypress
Blockchain:	Solidity | Web3.js | Ethers.js | Bit | Truffle | Hardhat | Ganache | Geth | Consensys Quorum | Hyperledger Besu | The Graph | NFT

EXPERIENCE

Aus Merchant Pty Ltd & Culture Vault Pty Ltd, WEB3 DEVELOPER   Oct 2021 - Present
Remote, Melbourne & Sydney
- Solidity smart contract development, testing and auditing using Truffle, Openzeppelin Defender and Forta around ERC721, ERC1155 NFTs development to create OpenSea compatible collections on behalf of clients
- Support development tasks related to web3 integration of Culture Vault with external consultants
- Responsible for maintaining Culture Vault's AWS cloud infrastructure
- Apply frontend twist using javascript, typescript and LESS CSS as per marketing and director's request on Jira
- Assist with backend API and CMS development using Golang and related testing
- Website and API testing using Cypress, Jest, Go unit test, Postman
- Deployed reverse proxy server to integrate 3rd microservice, e.g. Wyre payment gateway and Email Octopus

LBRY Foundation, HIVE CURATOR   Jul 2021 - Present
Remote, Worldwide
- Built a Discord chatbot to submit Google Form responses and made real-time translation using Twitter API
- Built a Notion bot in Python to turn Notion into a mini CRM and automate administrative work
- Manage $50,000 LBC fund to support content creators who are active on the LBRY network
- Engage with the LBRY blockchain protocol's online community and organise online events
- Link to volunteer work's showcase: *https://linktr.ee/lbrychinese*

Royal Australian College of General Practitioners, ACCOUNTS ASSISTANT   Jul 2017 - Apr 2021
Melbourne, Victoria
- Processed payments under senior accountant's supervision weekly using Technology One
- Assisted with accounts payable and procurement related enquiries
- Supported month-end and year-end financial reporting

Australian College of Agriculture & Horticulture, ACCOUNT ASSISTANT   Nov 2016 - Mar 2017
Melbourne, Victoria
- Supported students' enquiries on payment related issues
- Managed college revenue and receivables from over 2000 students across 3 inter-state campuses
- Reconciled the course fees collected against the bank balance on a regular basis using Xero

Monash University Clayton Campus, ADMINISTRATION OFFICER   Dec 2016 - Feb 2017
Melbourne, Victoria
- Approved and reviewed thousands of studios apartment applications
- Issued and audit monthly invoices for over 1600 residents live on-campus
- Maintained valid rental agreements and NRAS documents using HP TRIM Records Management System

Asian Alliance HK CPA Limited, AUDIT INTERN   July 2016 - Aug 2016
Central, Hong Kong
- Assessed the risk of material misstatements due to fraud and reported to senior auditors
- Established the audit strategy by conducting preliminary inherent and control risk assessment