LI, KIN FUNG (CALVIN)

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LinkedIn: Calvin Li (`https://www.linkedin.com/in/calvin-kin-fung-li/`)

Calvin is a fast learner who adapts to new environment and picks up new skills quickly. Dedicated to both engineering and business, his robust and diverse academic background empowers him to generate new, impactful ideas and execute them.

WORK EXPERIENCE

Flurry Finance   Jun 2021 - Present
Blockchain Developer

· Developed **Flurry Protocol**, a **cross-chain DeFi yield aggregator** featuring rebasing stablecoin *rhoToken* and governance token *FLURRY*
· Job duties: yield farming strategies, reward schemes, token design, on-chain buy-sell mechanisms
· Integration with popular DeFi projects (Compound, Aave, Uniswap, Chainlink, etc.)
· Smart contract programming and testing

UBS Group AG, Zurich HQ   Dec 2020 - Jan 2021
Student Analyst (Team Captain, AI Developer)

· Prototyped a ML-based **fintech startup prediction tool** with 70% accurate funding patterns
· Data pipelining of *Crunchbase* dataset
· Statistical testing: hypothesis testing, K-means clustering, PCA
· Model training: decision tree, logistic and polynomial regression

EDUCATION

The Hong Kong University of Science and Technology   Sep 2019 - Present
Dual Degree Program: BEng(COMP & ELEC) & BBA(GBM)   *Expected Graduation: 2024*

· Minor in Mathematics, and Robotics
· CGA: 4.06/4.3

PLK Centenary Li Shiu Chung Memorial College   Sep 2013 - Jul 2019

· HKDSE: 5** in Chinese, Math, M2, Physics, Chemistry and Economics, 5* in English

HIGHLIGHTED TECHNICAL SKILLS

Programming Languages	Java, C, C++, Solidity, Python, JS, TS, MATLAB
BlockChain / DeFi	OpenZeppelin, Hardhat, Ethers.js, Remix
ML / Data Science	pandas, numpy, scipy, matplotlib, seaborn, sklearn, etc.

(full portfolio at GitHub: `https://github.com/StardustLID/StardustLID`)

ACADEMIC EXPERTISE

Computer Science	OOP, Algorithms, ML, Computer Organization
Electronic Engineering	Signal Processing, Control Theory, Circuits, Embedded System
Finance	Portfolio Optimization, Models (CAPM, Single Index, APT), Long-short, Valuation (fixed-income, derivatives, stocks)
Math	Linear Algebra, ODE, Probability

(course list available in transcript)

EXTRA-CURRICULAR EXPERIENCE

Robocon Subteam, HKUST Robotics Team   Dec 2019 - Jun 2021
Team Leader, Senior Hardware Engineer ← Junior Hardware Engineer

· **2nd Place** and **Best Presentation Award** in ABU Robocon Festival 2020
· **Champion** and **Best Engineering Award** in Robocon HK 2021 and 2020
· Managed robot R&D progress for 30+ mechanical, hardware and software engineers
· Game planning and cooperation for games of robotic archery (2021) and rugby (2020)
· Circuit design, routing, electronic R&D (laser ADC, regulators and converters, etc.)