David Kim

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EDUCATION

Columbia University in the City of New York

BA in Applied Mathematics   New York, NY | Class of 2023 | Student Leadership Award 2023

Focus: Algorithms, Finance & Quant Analysis

Relevant Coursework

- Data Structures
- Artificial Intelligence in Chemical Engineering
- Computational Math: Intro to Numerical Methods
- Math Methods - Financial Price Analysis

- Dynamical Systems
- Managing Technological Innovation and Entrepreneurship
- Fourier Analysis
- Intro to Math of Finance (Master's class)

SKILLS

- JAVA, JavaScript, TypeScript, Python, Dart, SQL, No-SQL, Flutter, Next-JS, Microsoft Suite
- Familiarity: Pandas, AWS, Docker, C++, Sci-Kit L.

- Fluent in Spanish
- Basic Korean and French

WORK AND STARTUP EXPERIENCE

Co-Founder & Lead Developer   Sep 2024– Present

TePey Limited.   Remote (New York, Miami)

- Led development and launch of a fintech platform facilitating payments across South America, projected to process over $5M in transactions within first 9 months with lean engineering team of 2
- Architected and deployed secure multi-currency payment processing system using Node.js, PostgreSQL, and RESTful APIs, designed to scale to 50,000+ daily transactions with end-to-end encryption
- Developed microservices architecture with automated testing and monitoring systems, achieving zero critical vulnerabilities during pre-launch security audits and 99% test coverage

Founder, CEO & CTO   July 2022– August 2024

Gigi Technologies Ltd.   Boston, Massachusetts

- Built multi-function platform enabling P2P/C2B payments, messaging, and event creation using Flutter, Firebase (NoSQL), Python, and TypeScript (Next.js)
- Implemented backend services with Firebase Cloud Functions and Python to handle real-time messaging and notification systems
- Recruited and Led development team using Agile methodology with 2-week sprints adapted for startup pace, balancing feature delivery with technical debt management

Blockchain Software Engineer & Technical Product Manager Intern   May 2022– September 2022

Boston Venture Studio   Boston, Massachusetts

- Built two web3 platforms for NFTs, a DAO for said platform, and created utility NFTs both in Ethereum and Solana Network using Solidity and Ruby on Rails.
- Led Southasian-based remote engineering team in developing hybrid movie recommendation system using collaborative filtering
- Created and tracked KPIs to measure product performance and user engagement

Software Engineer Intern   June 2020–August 2020

Liberty Mutual Insurance Financial Services   Charlestown, Massachusetts

- Contributed to platform processing over $1B in transactions
- Implemented ML algorithms reducing processing time by 40%
- Collaborated with cross-functional teams to integrate new features and improve system efficiency

LEADERSHIP AND ORGANIZATIONAL INVOLVEMENT

Venezuelan Student Association

Co-Founder & President   September 2022–June 2021

- Chaired executive board meetings, set agendas, acted as spokesperson for the organization, drafted constitution