Tae Wook (Tyler) Kim

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EDUCATION

Columbia University, School of Engineering and Applied Science · New York, NY

B.S. Computer Science (GPA: 3.87), Chung Family Scholarship Recipient · Sep 2022 – May 2026

· Leave of Absence (Sept 2022 - Sept 2026) for Korea's mandatory military service

Selected Coursework: Advanced Programming, Computer Systems, Data Structures, User Interface Design, Computer Science Theory, Discrete Mathematics, Multivariable Calculus, Linear Algebra and Probability

EXPERIENCE

Quno (PearX S24) · San Francisco, CA

Founder and CEO · Jan 2024 - Present

- Building AI-moderated interviewer that brings the scale of a survey and the depth of an interview for ad testing and market research. Selected as one of 20 companies from 2100+ applications to participate in PearX accelerator
- Raised six-figure pre-seed from Pear VC

CORE (Columbia Organization of Rising Entrepreneurs) · New York, NY

President · Feb 2023 - Present

- Led 130+ members across 15+ initiatives that provide entrepreneurship opportunities on campus including startup workshop series, venture competition, startup accelerator, and product management fellowship.
- Spearheaded weekly meetings with 12+ executive board members for strategic planning, vision setting, project ideation, and product management.
- Led the website development for annual hackathons by overseeing 25 students in development team and design team

Scraft (Techstars '23) · New York, NY

Founder and CEO · Jan 2023 - Nov 2023

- Built interactive storybook for language learner in Typescript, React/NextJS, Django, and Supabase; Achieved 22% DAU/MAU, 5k users – Pivoted to work on Quno
- Designed user interface in Figma and implemented core features - social authentication, real-time speech synthesis exercise, referral dashboard, and asynchronous LLM evaluation processing;
- Won Pear VC Competition (Gold Medal-$10,000), Microsoft Imagine Cup (US Education Champion-$2,500), Columbia Venture Competition (1st place-$15,000), Startmate Competition ($25,000), interviewed at YCombinator with Dalton

Computational Design Lab at Columbia · New York, NY

Human-Computer Interaction (HCI) Researcher · May 2023 - Present

- Conducted 40+ user interviews to study different usage of LLM in language learning across different proficiency levels and languages
- Published and presented a position paper at the CHI 2023 In2Writing workshop in Hamburg, Germany

Faikerz (LegalTech Startup) · Seoul, South Korea

Software Engineer Intern · July 2021 – July 2022

- Built counterfeit detection models for fashion brand clients and live-tested against Korean e-commerce sites
- Built a keyword analysis REST API that detects anomalies in keyword and price distribution for online products. Filtered out 30% anomaly samples from initial dataset. Used Python and Flask
- Implemented hierarchical image classification model and keyword analysis API for CH*NEL products in PyTorch

SKILLS

Technical Skills: C, Python, Java, TypeScript; SQL, Git, React, PyTorch, Docker

Orbitron, built with Mathematica **[Project]**

· Built a vehicle with a spherical wheel that implements a 4 wheel independent steering/driving system

· Developed a unique control algorithm in Mathematica; **Patented: KR 10-2268833**, Issued June 18, 2021