

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: 3.84), Chung Family Scholarship Recipient Sep 2022 – May 2025
Selected Coursework: Advanced Programming, Computer Systems, Data Structures, User Interface Design, Computer Science Theory, Discrete Mathematics, Multi-variable Calculus, Linear Algebra and Probability,

EXPERIENCE

Scraft (Techstars '23) New York, NY
Founder and Lead Technical Product Manager Jan 2023 - Present

- Led team of 3 to develop interactive storybook for language learners with Typescript, React/NextJS, Django, and Firebase
- Designed user interface in Figma and conducted 50+ user testing sessions to validate problem and solution; Performed competitive analysis and created go-to-market strategy for product launch; **Achieved 22% DAU/MAU, 5k users**
- Won Pear VC Competition (\$10,000), Microsoft Imagine Cup (US Education Champion-\$2,500), Columbia Venture Competition (1st place-\$15,000), Startmate Competition (\$25,000), Top 10% of YCombinator W23 applications

Computational Design Lab at Columbia New York, NY
Human-Computer Interaction (HCI) Researcher May 2023 - Aug 2023

- Studied different usage of generative AI in language learning across different proficiency levels and languages
- Conducted 10+ user discovery interviews, 5+ usability tests, and 2 A/B Test Experiments to identify user needs and pain points, leading to creation and delivery of 30+ user stories; Shaped current Scraft's product vision
- Published and presented a position paper at the CHI 2023 In2Writing workshop as the only undergraduate speaker

CORE (Columbia Organization of Rising Entrepreneurs) New York, NY
Operational Committee Leader Feb 2023 - Present

- Spearheaded the fellowship program by interviewing and matching 100+ Columbia undergraduates to select startups
- Led the website development for annual hackathon by overseeing both development team and design team

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

Product Skills: Jira, Figma, Scrum, Stakeholder Management, A/B Testing, Go-To-Market, KPI & OKR Setting
Technical Skills: C, Python, Java, TypeScript; SQL, Github, Git, ReactJS, PyTorch, Docker

PROJECTS

Tutor Scheduler, built with Django REST and Postgres [Project]

- Built a web tutor appointment scheduler for Kent School in MVVM architectural pattern
- Served 500+ students and tutors to keep track of upcoming and past sessions easily for a single semester

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