

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 2020 – May 2025
· Leave of Absence (Sept 2020 - Sept 2022) 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

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

- Built interactive storybook for language learners with Typescript, React/NextJS, Django, Celery, and Firebase
- Designed user interface in Figma and implemented core features - social authentication, real-time speech synthesis exercise, referral dashboard, and asynchronous LLM evaluation processing;
- Conducted 30+ 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; **Achieved 22% DAU/MAU, 5k users**
- 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), 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
- 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