ANNE KIM

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Summary

Healthtech founder with deep expertise in federated learning, privacy-preserving AI, and patient engagement platforms. Co-founded and scaled a healthcare AI company to 30+ patient organizations serving 800K+ patients, raising $10M in venture funding. MIT-trained in Computer Science and Molecular Biology with proven ability to bridge technical innovation and healthcare outcomes. Passionate about leveraging AI and data to transform patient care while maintaining the highest standards of privacy and compliance.

Experience

Array Insights　Greater Boston Area
Co-Founder & Chief Executive Officer　2019 – Present
- Built and scaled a federated learning platform enabling secure healthcare data analysis across institutions
- Expanded product to 30+ patient advocacy organizations (PanCAN, American Breast Cancer Foundation, United Mitochondrial Disease Foundation, Asthma & Allergy Foundation) serving 800K+ patients
- Raised $10M in venture funding from Mozilla, Asset Management Ventures, E14 Fund, and Argon Ventures
- Developed AI/ML-powered patient engagement tools to improve outreach and clinical trial matching
- Piloted with major pharmaceutical companies and research institutions for clinical data collaboration
- Speaker at World Economic Forum (Davos), DEFCON BioHacking Village, and RSA Conference

Top 10 Pharmaceutical Company　Remote
AI Research Engineer and Architect　2025 – Present
- Leading development of international federated learning platform across 3 countries and 10 healthcare institutions
- Managing cross-functional team of 80 stakeholders, directly overseeing engineering and product team of 20
- Architected privacy-preserving machine learning features for compliant multi-site clinical data analysis

Patient Advocacy Non-Profits　Remote
Machine Learning Scientist　2025
- Conducted NLP-based analysis to optimize patient outreach communications and engagement

MIT Media Lab　Cambridge, MA
Graduate Student Researcher, Human Dynamics Group　2017 – 2018
- Conducted thesis research on clinical trial optimization using federated Open Algorithms (OPAL) architecture under Professor Alex "Sandy" Pentland
- Developed blockchain-audited framework for secure, privacy-preserving clinical data sharing
- Research recognized at IEEE "Blockchain for Clinical Trials" Conference and MIT's "Engineers Revolutionizing Health Care" Symposium

Medidata Solutions　New York, NY
Platform Software Intern　Summer 2015
- Built streaming data platform using Amazon Kinesis for clinical trial data processing
- Improved backend architecture for faster analytics on healthcare data pipelines

Education

Massachusetts Institute of Technology　Cambridge, MA
Master of Engineering in Computer Science & Molecular Biology　2017 – 2019
GPA: 5.0/5.0　Thesis Advisor: Alex "Sandy" Pentland (MIT Media Lab)

Bachelor of Science in Computer Science & Molecular Biology　2012 – 2016
GPA: 4.6/5.0　Eta Kappa Nu Honor Society