

Brian J. Lee

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781-686-4191 · Citizenship(s): USA, ROK · San Francisco, CA

Education

2021 – 2026 **Massachusetts Institute of Technology** Cambridge, MA
Bachelor of Science in Computer Science. *GPA: 5.0/5.0*
Two year military leave from 2022-2024.
Selected coursework: Machine Learning, Computer Vision, Robotics, Control Theory, Generative Models, Information Theory, Graphical Models, Probability Theory, Stochastic Calculus, Symmetry for ML, Differential Geometry, Complex Analysis

Selected Awards

2021 **Yale Engineering and Science (YES) Scholar**
2020 **USA Mathematical Olympiad Qualifier**
2020 **USA Physics Olympiad Semifinalist**

Work Experience

2026-Present **OpenAI Member of Technical Staff (Research)** San Francisco, CA
Research Scientist in the robotics division, studying scaling laws for pretraining with different modalities for embodied foundation models.

2025-2026 **Toyota Research Institute (TRI) Research Intern** Cambridge, MA
Led a research project on robust, long-context generative visuomotor policy learning and memory-based representations.

2023-2025 **MIT CSAIL Undergraduate Researcher (UROP)** Cambridge, MA
Research on generative stitching for planning and conditional context sampling with unconditional diffusion models.

2022-2024 **Republic of Korea (ROK) Army Cybersecurity Engineer** Inje, South Korea
Managed cybersecurity infrastructure and participated in penetration testing drills as part of the Republic of Korea III Corps as part of mandatory military service.

2020 **Everaise Academy Co-founder** Brookline, MA
Co-founded a nonprofit e-learning startup for high school math/science competition participants, generating over \$25,000 in funding, publishing 4 textbooks, and bringing together over 250 students in the process.

Publications

Arxiv 2026 **Representations in Long-Context Imitation Learning**
[B. Lee](#), [P. Shah](#), [B. Chen](#), [R. Tedrake](#), and [V. Sitzmann](#)

ECCV 2022 **Bokeh-Loss GAN: Multi-Stage Adversarial Training for Realistic Edge-Aware Bokeh for Realistic Edge-Aware Bokeh**
[B. Lee](#), [F. Lei](#), [H. Chen](#), and [A. Baudron](#).

Languages

English (Native), Korean (Native), Mandarin Chinese (Fluent)