

## James Kim

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CONTACT INFORMATION	350 Gates Hall 107 Hoy Road Cornell University Ithaca, NY 14853	<i>Email:</i> <a href="mailto:jjk297@cornell.edu">jjk297@cornell.edu</a> <i>Website:</i> <a href="http://biojameskim.me">biojameskim.me</a> <i>Linkedin:</i> <a href="https://www.linkedin.com/in/biojameskim">in/biojameskim</a> <i>Blog:</i> <a href="http://doctakim.com/blog">doctakim.com/blog</a>
RESEARCH INTERESTS	<b>Deep Learning, Machine Learning:</b> AI Agents, LLMs <b>Computational Neuroscience:</b> Neural Correlates of Cognition <b>Human-Computer Interaction:</b> Ubiquitous Computing	
EDUCATION	<b>Cornell University Graduate School</b> M.S. in Computer Science ( <i>Fully Funded Thesis-based program</i> ) Advisor: Jennifer Sun	08/2025 – 05/2027 Ithaca, NY
	<b>Cornell University</b> B.A. in Computer Science, B.A. in Mathematics <i>Distinction in All Subjects</i> Advisor: Amy Kuceyeski	08/2021 – 05/2025 Ithaca, NY GPA: 3.9
RESEARCH EXPERIENCE	<b>SunLab</b> <i>Cornell University</i> Graduate Research Assistant for Professor Jennifer Sun	07/2025 – Present Ithaca, NY
	<b>Computational Connectomics (CoCo) Laboratory</b> <i>Weill Cornell Medicine &amp; Cornell University</i> Research Assistant for Professor Amy Kuceyeski	01/2024 – Present NY, NY & Ithaca, NY
	<b>The Smart Computer Interfaces for Future Interactions (SciFi) Laboratory</b> <i>Cornell University</i> Research Assistant for Professor Cheng Zhang	08/2023 – 05/2024 Ithaca, NY
PROFESSIONAL EXPERIENCE	<b>United States Navy (NAVSEA)</b> LLM Research Software Engineer Intern	07/2025 – Present
	<b>Ann S. Bowers College of Computing and Information Sciences</b> Course Consultant – Data Structures and Functional Programming	01/2024 – 01/2025 Ithaca, NY
	<b>Southern California Edison (SCE)</b> Software Engineer Intern	05/2023 – 08/2023 Rosemead, CA
	<b>Cornell Hack4Impact</b> Full Stack Software Engineer	08/2022 – 08/2023 Ithaca, NY
	<b>Wazzle</b> Software Engineer Intern	04/2022 – 08/2022 Dallas, TX
LEADERSHIP & COMMUNITY INVOLVEMENT	<b>MELBA Journal: Machine Learning for Biomedical Imaging</b> Logistical Coordinator – Symposium Series	03/2024 – Present

	<b>Splash! at Cornell</b> Lecturer – ML in Medicine [ <a href="#">Link</a> ]	04/2024
	<b>Asian American InterVarsity (AAIV)</b> Master of Ceremonies	01/2022 – Present
	<b>Me &amp; Korea, Inc.</b> Bilingual Translator / Tour Guide / Language Instructor	06/2015 – Present
PUBLICATIONS	[ <a href="#">Google Scholar</a> ] [ <a href="#">ORCiD</a> ]	
	[1] <b>James Kim</b> , Qingyu Zhao, Mert Sabuncu, Amy Kuceyeski. Predicting Future Alcohol Use via Connectome-behavior Mapping. ( <i>First-author manuscript in preparation - Poster presentation @ OHBM2025</i> )	
	[2] Chi-Jung Lee, Ruidong Zhang, Devansh Agarwal, Tianhong Catherine Yu, Vipin Gunda, Oliver Lopez, <b>James Kim</b> , Sicheng Yin, Boao Dong, Ke Li, Mose Sakashita, François Guimbretière, and Cheng Zhang. EchoWrist: Continuous Hand Pose Tracking and Hand-Object Interaction Recognition Using Low-Power Active Acoustic Sensing On a Wristband. <i>ACM Conference on Human Factors in Computing Systems (CHI) 2024</i> . doi:10.1145/3613904.3642910	
MEDIA	1. Summer program gives undergraduates a taste of research life, <i>Cornell Bowers CIS Spotlight</i> , August 2024 2. Wristband uses echos, AI to track hand positions for VR and more, <i>Cornell Chronicle</i> , April 2024	
AWARDS & HONORS	CRA Outstanding Undergraduate Researcher Award – Honorable Mention P&G Technical Excellence Award – 1st Place Cornell University – CS Course Staff Exceptional Service Award Cornell University – Arts & Sciences Dean’s List The Jihoon Rim Foundation Scholarship Elks National Foundation – Most Valuable Student Scholarship The President’s Volunteer Service Award – Gold (6x) Southern California Edison – 2023 Intern Expo 1st Place	2025 09/2024 05/2024 Received every semester 04/2024 2021 – ’25 2018 – ’22, ’24 08/2023
RELEVANT COURSEWORK	Computer Science: <ul style="list-style-type: none"> <li>Deep Learning, Machine Learning, Natural Language Processing, Operating Systems, Computer System Organization, Robotics, Database Systems, Analysis of Algorithms, Functional Programming, Discrete Structures, Object Oriented Programming and Data Structures, Data Science, Backend Development, Computing in Python, Web Programming/Design</li> </ul> Mathematics: <ul style="list-style-type: none"> <li>Advanced Linear Algebra, Applicable Algebra, Nonlinear Dynamics and Chaos, Applied Complex Analysis, Mathematical Proofs, Multivariable Calculus, Probability and Statistics</li> </ul>	
SKILLS & LANGUAGES	Languages: <ul style="list-style-type: none"> <li>English (native), Korean (native), Spanish (limited working proficiency)</li> </ul>	

Software Languages:

- Java, Python, OCaml, C, JavaScript, TypeScript, HTML, CSS, Swift, Bash, SQL, PostgreSQL, SQLite, SQLAlchemy

Frameworks & Libraries:

- Firebase, Node.js, React, React Native, Expo, Express.js, Next.js, Flask, MongoDB, Pandas, NumPy, TailwindCSS

Tools:

- Git, Linux, Docker, Postman, XCode, Microsoft Azure, OpenAI API

*Last Revised: 07/2025*