Abhejit Rajagopal, Ph.D.

Seattle, WA · Email · Google Scholar · abhe.net

I develop mathematical and computational methods to understand, verify, and control AI models, with applications in imaging, biology, and clinical decision-making.

Current appointments

- **2024–present · Senior AI Research Scientist**, Office of the CTO, Allen Institute.
- **2025–present · Adjunct Assistant Professor**, Urology, University of California, San Francisco.

Education and training

- **2019–2023 · NIH F32 Postdoctoral Fellow, Radiology & Biomedical Imaging**, UC San Francisco.
- **2014–2019 · Ph.D., Electrical & Computer Engineering**, UC Santa Barbara.
- **2014–2016 · M.S., Electrical & Computer Engineering**, UC Santa Barbara.
- **2010–2014 · B.S., Electrical Engineering**, UC Los Angeles.

Selected publications

- **Cross-species Multiomic Atlas of the Primate Basal Ganglia**
  N. J. Johansen, Y. Fu, et al., including A. Rajagopal. *Cell*, 2026.
- **VampPrior Unleashed**
  A. A. Stirn, A. Rajagopal, D. A. Knowles & G. Huynh. *arXiv preprint*, 2026.
- **Mixed Supervision of Histopathology Improves Prostate Cancer Classification from MRI**
  A. Rajagopal et al. *IEEE Transactions on Medical Imaging*, 2024.
- **Understanding and Visualizing Generalization in UNets**
  A. Rajagopal, V. C. Madala, T. A. Hope & P. E. Z. Larson. *MIDL*, July 2021.
- **Enhanced PET/MRI Reconstruction via Dichromatic Interpolation of Domain-Translated Zero-Dose PET**
  A. Rajagopal, N. Dwork, T. A. Hope & P. E. Z. Larson. *SPIE Medical Imaging*, February 2021.

For a full CV, please get in touch.