Stanford

Joshua Barnett

IT Director and Enterprise Infrastructure Architect, Enterprise Technology

Bio

BIO

Joshua is a leader in Information Technology, Security, and Artificial Intelligence, with more than 25 years of experience across the automotive, renewable energy, and academia sectors. Aside from his work in University IT, Joshua also serves as an instructor for the AI Playground 101: Practice and Exploration (ITS-1990) course and is involved with AI research around campus. Additionally, he is a recurring advisor for MIS Practicum Honors courses at San Jose State University, where he has helped guide exceptional seniors as they bridge the gap between academia and real world project experience. Joshua also serves as an Industry Domain Expert for Tech Launch at the University of Arizona, assisting in assessing the commercial potential of technological innovations that stem from university research.

Joshua is open to virtual speaking engagements and advisory roles. He is particularly interested in opportunities that explore the future of AI, security, privacy, and renewable energy technologies.

EDUCATION AND CERTIFICATIONS

- MBA, Edinburgh Business School , International Business (2022)

SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Instructor for AI Playground 101 (ITS-1990) (1/14/2025)
- Industry Domain Expert for Tech Launch Arizona
- Team Advisor for MIS Practicum Course (August 2023 - December 2023)
- Team Advisor for MIS Practicum Honors Course (July 2018 - December 2019)

PATENTS

- Joshua Barnett. "United States Patent US 65/520,285 Data Loss Prevention solution specifically for visually expressed biological data.", Jun 15, 2017

LINKS

- Stanford Instructor Biography: https://uit.stanford.edu/service/techtraining/instructors/joshua-barnett
- Affiliate Collaboration Transformation Program: https://uit.stanford.edu/program/ACT

Publications

PUBLICATIONS

- **A Theory for Statistically Optimized Bridging Specimens**
  Holmes, T., Barnett, J., Eller, D. W., Maecker, H.
  Social Science Research Network (SSRN).
  2025 7

- **Shrunken Median Location Effect Estimates: An Application to Immuno-Oncology** *Journal of Probability and Statistics*
  Holmes, T. H., Eller, D. W., Barnett, J., Maecker, H. T.

2025; 2025 (1): 6

- **Empowering People with an Authoritative and Decentralized Social Media Platform**
  Barnett, J.
  Humanities Commons.
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