



Vanderbilt University Launches Search for Assistant Professor in National-Security-Focused Microelectronics and Digital Systems

The Department of Electrical and Computer Engineering at Vanderbilt University has announced a search for a **tenure-track Assistant Professor** specializing in **national-security-oriented microelectronics and digital systems**.

This position seeks an emerging scholar with strong motivation and expertise in:

- Resilient and secure hardware systems
- AI/ML-enabled electronic and computing systems
- Next-generation microelectronics with national security applications
- Collaborative research with federal agencies, including DoD, DARPA, DOE, and NNSA

Candidates will have the opportunity to contribute to cutting-edge research, engage in interdisciplinary collaborations, and support initiatives that directly advance the nation's technological leadership and security infrastructure.

Vanderbilt encourages applications from outstanding postdoctoral researchers and graduating PhD students working in these areas.

For full details and to apply, please visit the official posting:

<https://apply.interfolio.com/175243>

Message from the Department Chair

“We are seeking exceptional researchers who are passionate about resilient hardware, AI/ML-enabled systems, and advancing technologies critical to national security. If you know talented scholars exploring these directions, please share this opportunity with them. We truly appreciate your support and partnership.”

— **Shekhar Bhansali, PhD**

Fellow: AAAS, AIMBE, ECS, IEEE, IOP, NAI, Sigma Xi
Cornelius Vanderbilt Professor of Engineering
Professor and Chair, Electrical and Computer Engineering
School of Engineering, Vanderbilt University