



## PRINCETON UNIVERSITY

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### Cover Letter

Anirudh Badam

I am looking for a **full-time researcher** position or a **tenure-track** faculty position at the assistant professor level in **Computer Science**. I am currently completing a Ph.D. at the Department of Computer Science, Princeton University, in the area of **computer systems** with focus on memory management within **operating systems**. My dissertation is entitled "On Bridging the Performance and Structural Gap Between Memory and Storage Using New Non-volatile Memory Technologies." Conceptually, my research aims to simplify the development of large scale data-intensive applications by providing them with better operating system support for new non-volatile memory technologies like NAND-flash and phase change memory.

My detailed C.V. is attached to this letter. I have attached a statement of research interests describing my current research and some future research directions that I wish to explore. Additionally, I have also attached a statement of teaching philosophy that provides a description of what my aim as a teacher would be. The following five people have agreed to serve as my references:

1. Dr. Vivek S. Pai, Associate Professor of Computer Science at Princeton (my thesis adviser)
2. Dr. Michael J. Freedman, Assistant Professor of Computer Science at Princeton (one of my thesis committee members)
3. Dr. Konstantina Papagiannaki, Head of the Internet Systems and Networking Group at Telefonica Research (a prior internship mentor)
4. Dr. Michael Kaminsky, Adjunct Research Scientist at the Intel Science and Technology Center for Cloud Computing (a prior internship mentor)
5. Dr. Robert Dondero, Lecturer of Computer Science at Princeton (I was his teaching assistant in the past)

You can obtain more information about me from my website:  
<http://www.cs.princeton.edu/~abadam>

I thank you very much for your kind consideration.

Sincerely,  
Anirudh Badam