



Hello!

Thanks for your interest! My name is Pemma. I'm a PhD student working under the advisement of Dr. Stephanie Forrest at *Arizona State University*. My current research focuses on Automated Program Repair (APR), including new applications and extensions.

While I've been able to apply my more than a decade of experience in pre-silicon, hardware, and embedded firmware to my systems-oriented research, I have a broad interest in multiple areas of computer science - including programming languages, security, and binary analysis. I'm excited to explore software abstractions to benefit human experience.

When I'm not in the lab or on my VNC, I enjoy walking and training my dog, traveling and visiting friends, and joking around with my better half.

Education

- Ph.D. (expected 2024)
Arizona State University, AZ
- Master of Computer Science (2019)
Arizona State University, AZ
- B.S. in Computer Engineering (2001)
Virginia Tech, VA

Interests

- Cyber-physical systems security
- Program analysis
- Probabilistic reasoning



Pemma Reiter
PhD Student

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