

# Pouya Fotouhi

PhD Candidate

335 Dupont Hall  
Newark, DE, 19716  
USA

✉ [pfotouhi@udel.edu](mailto:pfotouhi@udel.edu)

🌐 [www.eecis.udel.edu/~pfotouhi/](http://www.eecis.udel.edu/~pfotouhi/)

## Education

- 2013–Present **PhD student, Computer Engineering**, *University of Delaware*, Newark, DE, USA.  
Advisor : Guang R Gao, Stéphane Zuckerman  
GPA : 3.8
- 2005–2011 **B.Sc. in Electrical Engineering**, *University of Isfahan*, Isfahan, Iran.  
Advisor : Peyman Moallem  
GPA : 3.6

## Experience

### Academic

- 2014–present **Research Assistant**, *University of Delaware*.  
Computer Architecture and Parallel Systems Laboratory (CAPSL)  
Area of Interest:  
Memory models and fine-grain resource management for extreme-scale
- 2014–2015 **Teaching Assistant**, *University of Delaware*.  
Department of Computer and Electrical Engineering
- 2011–2013 **Laboratory Instructor**, *Safahan University*.  
Department of Electrical Engineering  
Subjects taught:  
Digital Electronics, Digital Design, Computer Systems Architecture
- 2009–2013 **Teaching Assistant**, *University of Isfahan*.  
Department of Computer and Electrical Engineering
- 2009–2011 **Research Assistant**, *University of Isfahan*.  
Department of Electrical Engineering Thesis:  
○ A course study on time-line of computers development  
○ Design and implementation of a basic computer based on PDP8: Written in VHDL, simulated Using Xilinx ISE 9.2i and implemented on CPLD

### Miscellaneous

- 2011–2013 **Technical Manager**, *Pouyana CCTV monitoring systems and networks*.
- 2007–2011 **Manager**, *Amiran Tennis Club*.

## Languages

- English **Fluent**  
Farsi **Native**  
French **Basics**

## Hardware and Software skills

Programming	C (moderate), Python (moderate), VHDL (basic), C++ (basic), Java (basic)	Parallel Programming	pThreads (basic), MPI (basic), OpenMP (basic), CUDA (basic)
Web	HTML (moderate), PHP (basic)	Operating Systems	Microsoft Windows (moderate), GNU-Linux Native (moderate)

## Interests

Sports	Tennis, Volleyball, Soccer
Reading	History, Fantasy, Adventure

## References

- **Guang R Gao**  
Endowed Distinguished Professor  
Department of Electrical and Computer Engineering  
University of Delaware  
Newark, DE,USA.
- **Stéphane Zuckerman**  
Research Professor  
Department of Electrical and Computer Engineering  
University of Delaware  
Newark, DE,USA.
- **Xiaoming Li**  
Associate Professor  
Department of Electrical and Computer Engineering  
University of Delaware  
Newark, DE,USA.