

Ata Fatahi

<http://www.cse.psu.edu/azf82/>

Email : azf82@psu.edu

Mobile : +1-814-699-2532

EDUCATION

- **Penn State University** State College, PA
Ph.D. in Computer Science and Engineering Aug. 2017 – May 2022 (Expected)
Selected Courses: Algorithm Design, Operating Systems, Distributed Systems, Performance Evaluation of Computer Systems, Cloud Computing, Data Base Systems, Computer Architecture, Linear Optimization, Randomized Algorithms.
- **Sharif University of Technology** Tehran, Iran
Bachelor of Science in Computer Science and Engineering Aug. 2012 – July. 2017

RESEARCH INTERESTS

- Distributed Systems
- Cloud Computing
- Resource Management and Scheduling
- Performance Evaluation

PUBLICATIONS

- **Ata Fatahi**, Timothy Zhu, Bhuvan Urgaonkar, "BurScale: Using Burstable Instances for Improving the Cost-Efficacy of Autoscaling in the Public Cloud", *To be submitted*.

EXPERIENCES

- **HashiCorp** San Francisco, CA
Research Intern June. 2019 - Sept. 2019
- **Penn State University** State College, PA
Graduate Research Assistant Aug. 2017 - Present
- **Institute For Research in Fundamental Sciences (IPM)** Tehran, Iran
Undergraduate Research Assistant Feb. 2016 - May 2017

TEACHING EXPERIENCES

- Teaching Assistant, Penn State University
 - CMPSC 473, Operating Systems, Fall 2018
 - CMPSC 473, Operating Systems, Fall 2017
- Teaching Assistant, Sharif University of Technology
 - CMPSC 464, Real-Time Systems, Fall 2016
 - CMPSC 112, Fundamental of Programming in Python, Fall 2014
 - CMPSC 242, Object Oriented Programming in C++, Spring 2014

HONORS AND AWARDS

- Middleware'17 Student Travel Grant.
- IPM's Undergraduate Scholarship.
- Ranked 120th among more than 300,000 participants in Iranian National College Entrance Exam (2012).

PROGRAMMING SKILLS

- **Programming Languages:** GoLang, Python, C/C++, Java, PHP, Java Script
- **Technologies:** Git, Docker, Kubernetes, AWS Services and SDK, Spark
- **Operating Systems:** Mac OS, Ubuntu (native linux user)