

## EDUCATION

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- **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, Database 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

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

## PUBLICATIONS

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- **Ata Fatahi**, Timothy Zhu, Bhuvan Urgaonkar, “BurScale: Using Burstable Instances for Cost-Effective Autoscaling in the Public Cloud,” 10th ACM Symposium on Cloud Computing (**SoCC '19**).
- Aman Jain, **Ata Fatahi**, Nader Alfares, George Kesidis, Bhuvan Urgaonkar, Mahmut Kandemir, “SplitServe: Efficiently Splitting Complex Workloads Across FaaS and IaaS,” Extended abstract in 10th ACM Symposium on Cloud Computing (**SoCC '19**).

## EXPERIENCES

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- **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

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

## HONORS AND AWARDS

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- SoCC'19 Student Scholarship Award.
- Middleware'17 Student Scholarship Award.
- IPM's Undergraduate Scholarship Award.
- Ranked 120th among more than 300,000 participants in Iranian National College Entrance Exam (2012).

## SERVICE

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- ACM SOSP'19: Artifact Evaluation Committee Member
- ACM Middleware'18: External Reviewer

## PROGRAMMING SKILLS

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- **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)