

# Seid Miad Zandavi

PhD Candidate  
School of Computer Science  
The University of Sydney

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## Professional Profile

Personable and astute student with proven time-management and collaborative skills. I am a technology enthusiast, a fast learner and a problem solver due to my background, and this has enabled me to acclimate and thrive in both artificial intelligence and aerospace considering control of airplane. Highly articulate individual, confident working with diverse cultures and situation in which cultural awareness and appreciation are integral. Therefore, I have excellent technological skills such as report development, statistical and mathematical analysis as well as verbal and written communication and presentation skills. I am now looking to transfer these solid abilities to a dynamic team in a major company.

## Research Interests

Deep Learning, Image Processing, Heuristic Optimization Algorithm, Control Design, Data Analysis.

## Skills Profile

### Organisational skills

- Successfully met complicated tenders' deadlines by cooperation with team members and breaking up the task into smaller achievable tasks, prioritisation, teamwork and time management
- Dedication to effective prioritization and management time by allocating tasks and recording activities in diaries and daily to-do lists.
- Had excellent relationships with different departments including technical and customer services, which enormously helped hitting goals.
- My engineering background has helped me be a critical thinker and a problem solver and make optimal suggestions and decisions in crucial situations

### Communication skills

- Excellent oral and written English and Persian
- Articulate communicator with an appreciation for different communication styles require when working with team members.
- Managed to support last-minute demands and changes.

### Software skills

- MATLAB
- Python
- Simulink
- Microsoft word, Excel, Outlook, Publisher
- CATIA

## Employment history

- July 2019 – Present      **The University of New South Wales**  
**Research Assistant**
- Deep Learning
  - Optimization
  - Data Analysis
- Feb 2018 – Present      **The University of Sydney**  
**Teaching Assistant**
- Principle of Data Science
  - Capstone Project
- Jun 2017 – Nov 2017    **The University of Sydney**  
**Tutor**
- Capstone Project
  - Spark Ignition Engine Lab
- Sep 2017 – Jan 2017    **Payam Noor University, Shiraz, Iran**  
**Lecturer**
- Coordinator of Flight Mechanics
- Jan 2014 – Jan 2017    **SADID Firm, Isfahan, Iran**  
**Project Manager**
- Liaison between research and development (R&D) and Testing groups in field of controlling design, flight simulation and data analysis.
  - Statistical Design of Micro Air Vehicle
  - Manufacturing Micro Air Vehicle.

## Education

- 2017 – 2020      [The University of Sydney](#), Sydney, NSW, Australia  
**PhD Candidate in IT**
- Machine Learning/Deep learning
  - Image Processing
  - Control Design
  - Optimization
- 2012 – 2014      [Sharif University of Technology](#), Tehran, Iran  
**Master of Aerospace Engineering**
- Uncertainty UAV Design
  - Heuristic Filters
  - Optimization Algorithms
  - Statistical Modelling and Analysis

## Academic Achievement

- 2018      Awarded Top-up Scholarship, Faculty of Engineering, The University of Sydney.  
2017      Awarded Engineering and information Technology Research Scholarship  
2014      Commendation of “Top ten Academic Achievement” in Aerospace Department  
2012      Commendation of “Top ten Academic Achievement” in Aerospace Department

## Professional Referee

TBA