

Contact

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Top Skills

Artificial Intelligence

Python

Research

Utkarsh Mittal

Software Engineer at Google
Canberra, Australia

Summary

I am currently working at Google Australia as a Software Engineer for the Engineering Productivity team. I am also interested in research in various areas such as neural networks, cryptography and sociology.

My broader research goal is to work towards developing a more generalized AI system and to apply the power of AI to fields such as cryptography, sociology and evolutionary systems.

Experience

Google
Software Engineer
January 2019 - Present
Sydney, Australia

The Australian National University
11 months

Research Assistant (Battery Storage and Grid Integration Team)
June 2018 - September 2018 (4 months)
Canberra, Australia

Researching applications of different blockchain models to the Australian electricity market and infrastructure.

Tutor (Bio-Inspired Computing)
February 2018 - July 2018 (6 months)
Canberra, Australia

Tutoring for course content related to neural networks, deep learning, evolutionary algorithms and fuzzy logic. Duties included designing and delivering lab content as well as marking assignments.

Tutor (Managing Software Quality and Process)
February 2018 - May 2018 (4 months)
Canberra, Australia

Tutoring for course content related to software process models and software project management. Duties included helping out in workshops and marking assignments.

Summer Research Intern

November 2017 - January 2018 (3 months)

Canberra, Australia

Research at the intersection of Artificial Intelligence and Cryptography.

Specifically focused on blockchains and neural networks. Other minor work included Generative Adversarial Networks and conducting an experiment to record physiological signals of participants in a "Whodunnit" scenario.

Alef Mobitech

Internship

July 2016 - December 2016 (6 months)

Pune Area, India

Research at the intersection of Big Data, Cryptography and Machine Learning.

Developed a REST based application for Homomorphic Encryption.

IBM India Private Limited

Internship

July 2014 - July 2014 (1 month)

Bengaluru Area, India

Intern at IBM Research Lab for the project "Next location prediction using coarse grained cellular traces". Included research in network analytics, clustering algorithms, parsing large data sets and analyzing Call Detail Records (CDR).

Education

The Australian National University

Master of Computing, Artificial Intelligence · (2017 - 2019)

Pillai College of Engineering

Bachelor of Engineering - BE, Computer Engineering · (2012 - 2016)