



CS Get-Skilled Academy

Machine Learning

About Me

Mostafa S. Ibrahim

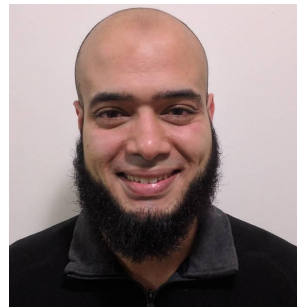
Teaching, Training and Coaching for more than a decade!

Artificial Intelligence & Computer Vision Researcher

PhD from Simon Fraser University - Canada

Bachelor / MSc from Cairo University - Egypt

Ex-(Software Engineer / ICPC World Finalist)



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Education

- 2004-2008: Bachelor - FCAI - Cairo University
 - Much passion towards SWE & Problem Solving
- 2010-2012: MSc - FCAI - Cairo University
 - Computer vision - Classical Machine learning tools
- 2015-2018: PhD - SFU@Canada
 - Prof Greg Mori / Computer Vision
 - PhD Publications: 1st Author (2 CVPR, 1 ECCV) / Other Author (WACV, Arxiv)
 - 650+ [Citations](#)
- Internships
 - IBM 2007, Microsoft 2010, Google 2016, Dwave 2018
- Teaching assistant - FCAI - 2009 - 2014
 - Programming, DSA, SWE, **Machine Learning**, Genetics Programming

Competitive Programming

- Contestant

- 2011 ACM ICPC World **Finalist** in Orlando, Florida - USA
- 2nd rank 2009 and 2nd rank 2010 in Arab Collegiate Programming Contest
- 2nd rank 2006, 5th rank 2008 and 1st rank 2009 in Egyptian National ICPC
- 8th rank in 2005 Egypt Olympiad in Informatics (**EOI**), Silver Medal

- Coach / Supervisor

- Supervised 200+ trainees from several global nationalities
- Part of SFU ICPC Administration team/WPC in 2017 & 2018

- Judge & Problem Setter

- Judge & Problem Setter in Arab Regional ICPC 2013
- Chief Judge in Egyptian & Jordanian National ICPC in 2012

- Misc

- Have a YouTube Channel (250+ videos - 67k subscribers).
- Designed popular training sheets for new trainees, seniors and IOIers
- Udemy Courses focused on problem-solving skills

Software Engineering

- Fawry | Egypt
 - Backend, frontend, support
- Storage management | NTP | Remote US
 - Backend

Computer Vision

- Vision Engineering | Heurolabs | Remote Germany
 - Vision infrastructure
- Vision Lead Scientist | FlexAI | Canada
 - Fitness domain: auto coaching
- Vision Lead Scientist | Huawei | Canada
 - Hand-pose
 - Cars: Autonomous Driving (**Exterior**)
- Vision Engineering | Nvidia | US
 - Cars: ADAS (**Interior**)



Computer Vision Researcher

Huawei Technologies · Full-time
Mar 2019 – Present · 1 yr 10 mos
Vancouver, Canada Area



Software Engineer Intern

Google
May 2016 – Jul 2016 · 3 mos
Mountain View



Software Engineer Intern

IBM
Aug 2007 · 1 mo
Egypt



Computer Vision Researcher | Team Lead

Flex A.I. · Full-time
Nov 2018 – Mar 2019 · 5 mos
Vancouver, Canada Area



Senior Computer Vision Software Engineer | Team Lead

Heuro Labs GmbH
Aug 2014 – Apr 2016 · 1 yr 9 mos
Remotely



Computer Vision Research Intern

D-Wave Systems Inc.
Mar 2018 – Oct 2018 · 8 mos
British Columbia, Canada



C++ Software Engineer

NTP Software · Full-time
Jul 2011 – Jul 2014 · 3 yrs 1 mo
Remotely



Java Software Engineer

Fawry Integrated Systems
Dec 2008 – May 2010 · 1 yr 6 mos
Egypt



PhD, Research Assistant

Simon Fraser University
Jan 2015 – Nov 2018 · 3 yrs 11 mos
British Columbia, Canada



Research Assistant - Computer Vision

Microsoft · Full-time
Jun 2010 – Apr 2011 · 11 mos
Egypt



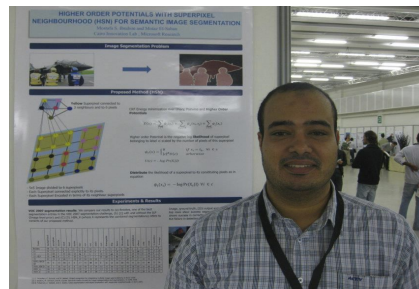
Senior Computer Vision Engineer

NVIDIA · Permanent Full-time
Dec 2022 – Present · 2 mos
Santa Clara, California, United States · Hybrid



Teaching Assistant

Faculty of Computers and Information
Sep 2008 – Dec 2014 · 6 yrs 4 mos
Egypt



“Acquire knowledge and impart it to the people.”

“Seek knowledge from the Cradle to the Grave.”

