

Contact

www.linkedin.com/in/amirsamanahmadi (LinkedIn)
amirsaman.com (Personal)

Top Skills

Petroleum Engineering
Drillbench SLB
Petroleum Experts (IPM)

Languages

English (Professional Working)
Bahasa Melayu (Elementary)
Chinese (Elementary)
Persian (Native or Bilingual)

Certifications

Tropical BOSIET with EBS and
Travel Safely by Boat
Oil and Gas Safety Passport

Honors-Awards

Asian English Olympic (AEO 2013)
Dean's List
Winner of Geo Hackathon 2019

Publications

Job Stress among Offshore
Personnel in Oil and Gas Extraction
Industries

Amirsaman Ahmadi Ashgaftaki

A diligent data scientist working on software engineering & machine learning projects
Federal Territory of Kuala Lumpur

Summary

A data scientist and software engineer interested in natural language processing (NLP), machine learning as well as developing full stack web and WPF applications.

Over the years, I have been exposed to complex and challenging engineering problems, cooperated in many group projects with students from multitude backgrounds, and successfully competed many engineering projects. I strongly believe in life-long learning excursion, and willing to learn and share knowledge as required.

Experience

Emerico

Software Engineer

September 2020 - September 2021 (1 year 1 month)

Kuala Lumpur, Federal Territory of Kuala Lumpur, Malaysia

Successfully led a team of four to design and develop a custom autonomous robots based on Robot Operating System (ROS). Met all client requirements and project delivered in timely manner.

Maintained Video Teller Machine (VTM) softwares according to client needs.

Designed and developed Java Native android application and SOAP APIs for a Malaysian government agency.

Developer custom robots using ROS1 Noetic, ROS2 Foxy and Python and C++.

Developing autonomous robots using NVIDIA Jetson, Raspberry Pi and Arduino, based on Windows and Linux (Ubuntu)

Ilabworks

Software Engineer

July 2019 - September 2020 (1 year 3 months)

Kuala Lumpur, Federal Territory of Kuala Lumpur, Malaysia

Developed first worldwide pregnancy in house monitoring eco-system where patient register into the system using web portals or mobile app and find a nearest doctor to her place. Patient, doctor and nurse can monitor the fetus condition world wide. In addition, a nurse can do the live medical tests in patient location using medical equipment's such as Doppler, urine analyzer and etc while the doctor is monitoring the process from her clinic and update the database accordingly.

- * Developed Web portals for the application using ASP.net, MySQL and web services for the backend and angularjs, html, bootstrap as well as JQuery for front end.

- * Managed and developed company websites using Elementor and visual composer.

- * Hardware integration with software using rs232 and Ethernet ports to communicate with devices over serialize or TCP/UDP.

- * Developed WPF applications for windows platform and XAML for front-end.

Naghshnamad

Webmaster

January 2016 - January 2017 (1 year 1 month)

Tehran (Remote)

Designed ,developed and maintained official company's website using WordPress and Elementor plugin where company's latest work would be displayed. Having search engine optimization (SEO) friendly developement in mind, this website managed to be in first page of several search engines such as Google , Yahoo and etc.

Www.SarvMusic.Com

Web Designer

January 2009 - January 2012 (3 years 1 month)

Developed a php nuke platform for young artists and singers to publish their latest works.

Managed to maintain around 200,000 views a day

Implement proper SEO which maintained this website on google's first page for more than 2 years in a row.

Education

University of Malaya

Master of Science - MS, Data Science · (2018 - 2020)

Universiti Teknologi Petronas

Bachelor of Engineering (Hons), Petroleum Engineering · (2012 - 2018)