AHMED KHALID ALGOGANDI

Jeddah, Saudi Arabia

Phone: +966 56 566 3626

E-mail: ahmedalgogandi1@gmail.com

LinkedIn: Ahmed-algo

Website: ahmedalgo.github.io

EDUCATION

Master of Science in Software Engineering & Information Technology   (Anticipated graduation: December 2019)

University of St. Thomas, Minneapolis USA (GPA: 3.6)

Bachelor of Computer Information Systems & Computer Engineering   (December 2017)

University of St. Thomas, Minneapolis USA

International Foundation Degree in Math and Science   (January 2010- December 2012)

Dublin International Foundation College, Dublin, Ireland

SKILLS

- **Languages:** Arabic, English
- **Programing Languages:**
    - HTML/CSS (Proficient)
    - JavaScript (Proficient)
    - Python (Intermediate)
    - Ruby (Intermediate)
    - Java (Proficient)
    - Node.js (Intermediate)
    - C++ (Basic)
- **DevOps & Cloud Infrastructure:** Continuous integration/ development, pipelines, Jenkins, AWS
- **Software:** Microsoft office, MS Visual Studio, MS Analysis Services, Visio, ERP SAP, SAS
- **Database:** MySQL, Oracle 11g, SQL server, MS Access
- **Data Visualization:** Tableau
- **Researcher:** Data collection, critical analysis, Problem-solving
- **Environment:** Waterfall, Agile

Work Experience and internships:

International Medical Shoes & Orthotic/Prosthetics Company, IT Intern- Jeddah, Saudi Arabia
February 2013 – November 2013
- Provided valuable IT services, tech support and reference help to support the company's departments
- Monitored computers usage and worked on technical projects
- Worked collectively as a team to provide high quality IT support to the company
- Understanding the needs of each department to recommend new processes and systems for improvement; implement new ideas and strategies.

EXTRA-CURRICULAR ACTIVITIES/PROJECTS:

Freshwater Society- Web/Mobile application   **(Fall 2016-Spring 2017)**

- Used a user-centered design approach to capture requirements and create a prototype application for the Freshwater Society to track their work and projects
- Ensuring the prototype is able to be integrated with existing stormwater calculators and other tools to track effects of projects on stormwater runoff.
- **Outcomes**:
    - FWS is now working with an app developer to complete the project.
    - saved the FWS an estimated $15,000
    - The project is a year ahead of schedule

SELECTED PROJECTS:

These are only few examples of my projects; please visit my GitHub page to see all of my projects.

SympTrack - Web Application
- Designed an efficient web application's JavaScript, CSS and assets delivery
- Ensuring it will run at 60fps and achieve a PageSpeed sore of at least 90.

Decentralized Property Listing Application – Blockchain Developer Nanodegree
- Build a decentralized property listing application using blockchain technology.
- Successfully implemented ZoKrates to verify the users on a blockchain.
- List properties on a decentralized marketplace using OpenSea**.**

Connect Private Blockchain to Front-End Client via APIs - Blockchain Developer Nanodegree
- Build a RESTful API using a Node.js framework that will interfaces with a private blockchain.
- Successfully configured an API for a private blockchain, to expose functionality that can be consumed by several types of web clients ranging from desktop, mobile, and IoT devices

Supervised Machine Learning Models
- Build an algorithm to best identify potential customers, and reduce overhead cost of finding them manually.
- Optimized the supervised machine learning models, and increased their accuracy up to 85%

Additional Training & certifications:

- Blockchain Developer Nanodegree, Udacity
- Data Scientist Nanodegree, Udacity
- Cloud Computing Careers and Certifications: First Steps, LinkedIn
- Learning AWS CloudFormation, LinkedIn
- Artificial Intelligence for Project Managers, The Project Management Institute
- Artificial Intelligence Foundations: Thinking Machines, LinkedIn
- AWS Cloud Practitioner, Amazon Web Services

Scholarships

- MISK Udacity Nanodegree Scholarship - Prince Mohammed bin Salman bin Abdulaziz Foundation   (2018)
- Intel$^{®}$ Edge AI Scholarship Program - Intel   (2019)

Strengths

- The ability to produce software that is completed on time, within budget, and with the necessary scope and quality required.
- Engineer and design IT infrastructure, focusing on cloud-scale distributed systems and modern DevOps practices.
- Create interactive database-driven media rich web applications, with experience in both of the technical and design aspects of creating effective web applications using a variety of technologies and development tools
- Experience in the widely used supervised and unsupervised machine learning algorithms used in industry in technical depth, with the ability to evaluate effectiveness and avoid common pitfalls in applying machine learning to a given problem.
- Understands the fundamentals of the blockchain technology and the knowledge on how to implement private blockchain technology into applications.
- Confident about my ability to communicate effectively in the workplace, I have learned the skills to be a diplomatic and flexible with strong interpersonal skills and the ability to break down cross-cultural communication barriers.