Iqbal Lodin

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🎓 Education

Bachelor of Science, Computer Science and Engineering, *University of California, Irvine*
Oct 2020 – Jun 2022
GPA: 3.7

Associate of Science, Mathematics,
Los Angeles Pierce College
Aug 2018 – Jun 2020

💼 Work History

Freelance Web Developer, *Various Clients*
Dec 2018 – present
- Working with **small businesses** to **design and develop** a **user-friendly website** for their customers.
- **Mystique Motors (Mechanic Shop):**
  - Implemented a **webpage** for customers using **JavaScript and CSS** for **front-end.**
  - **Built, designed** the **back-end** using **Python** as server-side language and **MySQL** to find, save, or change data.
  - **Achieved** the **client's request** to **allow customers** to **send a form for a price quote** using a **Google API.**
- **Afghan Awasana Kabob House (Restaurant):**
  - Currently developing a **dynamic** and **interactive website** using **Angular and Bootstrap** for **front-end.**
  - Incorporating online-delivering with **Google Ordering** and **extending to popular food-delivery apps** such as DoorDash, UberEats, etc.

🗂 Personal Projects

Monitoring and Managing the Impact of Air Quality
- Developed a **program giving a reading of areas with unhealthy air quality**, particularly for people with chronic respiratory problems.
- Designed in **Python** with the help of two **web API's.**
- **PurpleAir** provided a collection of air quality sensors all over the United States, and **NominatimAPI** for a **geocoding service.**

Connect Four Game
- Implemented a **Python-shell-based game** called Connect Four that you can **play on your own computer** and even extend to **play via the Internet by connecting to a central, shared server**.
- Used **third-party game library PyGame 2.0** to implement a **GUI**.

🧠 Skills

Programming Languages:
Proficient in Python, C++/C, Java, JavaScript, HTML, CSS, SQL
Familiar with PEP9 (Assembly Language)

Frameworks:
Python: Django, Flask, Web2Py
JavaScript: Angular, React, Bootstrap

Editing:
Proficient in Sony Vegas Pro, Adobe After Effects, Adobe Photoshop

Languages:
Fluent in English and Pashto
Intermediate in Arabic

📑 Relevant Coursework

Data Structures and Algorithms

Object Oriented Programming C++

Computer Architecture and Organization

Discrete Mathematics/Structures

Logic and Design of Digital Systems

Ordinary Differential Equations

Linear Algebra

Public Speaking

Physics
Topics include force, momentum, rotation, gravity, electricity, and magnetism

🎖 Awards and Honors

Dean's Honor List
Fall 2019, Spring 2020

AP Scholar with Honor

Life Membership, *National Honors Society*

Life Membership, *California Scholarship Federation*

🤹 Extracurricular Activities

Hack at UCI

UCI Muslim Student Union (MSU)

UCI Association for Computing Machinery (ACM)

UCI Blueprint