

# Youssef Dessouky

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## EDUCATION

### University of California, Irvine

Sep. 2021 – June. 2026

Bachelor of Science in Computer Science, Informatics with a minor in Health Informatics

- Specializations: Health Informatics, Human-Computer Interaction (HCI).

## EXPERIENCE

### Caregiver

Aug. 2025 – Nov. 2025

Oakmont Management; Ivy Terrace

Fullerton, CA

- **Resident Support:** Assisted multiple residents with personal hygiene, mobility, and daily needs.; **result:** improved comfort and daily independence among assigned residents.
- **Health Coordination:** Tracked medication schedules and collaborated with nursing staff all while providing patient centered care.; **result:** maintained 100% medication adherence rate while making patients understood.
- **Safety and Communication:** Monitored living conditions and promptly reported health or facility concerns; **result:** contributed to 0 incident reports within the unit.

### Caregiver

Sep. 2024 – Jul. 2025

Family

Ontario, CA

- **Medication:** Built a weekly schedule with pharmacy pickups and a checklist system; **result:** 0 missed doses over 9 months.
- **Nutrition:** Planned weekly menus according to dietary and financial needs; **result:** cut grocery expense by ~12% while meeting all restrictions.
- **Transportation:** Provided transportation for operations/check-ups; **result:** 100% on-time arrival for 20+ medical appointments.

### RA

Jun. 2022 – Jun. 2023

UCI Student Housing

Irvine, CA

- **Mentor program:** Residents chose personal mentors to guide them; **result:** 45% of residents selected me as their mentor out of 8 possible mentors.
- **Resident support:** Supported 20+ residents through 1:1 meetings and campus referrals; **result:** 100% term-to-term persistence among identified at-risk residents.
- **Conflict mediation:** Conflict mediation provided along with future alternatives; **result:** resolved 12 cases with 0 escalations.

### Manager

Jan. 2021 – Aug. 2022

Taco Bell

Irvine, CA / San Bernardino, CA

- **Inventory:** Accounted weekly stock and ordered based off seasonal need; **result:** reduced overstock by 15%.
- **Scheduling:** Rebuilt break and shift schedules based on employee demand; **result:** 100% employee satisfaction with improved efficiency.
- **Guest recovery:** Implemented a store wide guest complaint script; **result:** achieved 40% fewer repeat complaints.

## PROJECTS

### WiFi Connectivity Simulator | Python, OOP, Pickle

- Designed and implemented a modular Wi-Fi simulation that mimics real-world roaming and control flows.
- Utilized magic methods, decorators, inheritance, and context managers.
- Managed data using Pickle for efficient simulation data handling.

### Content Generator | Python, JavaScript, Chatgpt API HTML

- Automated AI generated video uploader supporting one-subject and multi-subject batch modes.
- Built a basic front-end UI to visualize data and system operations.

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, SQL, R, HTML, CSS, JavaScript

**Frameworks & Libraries:** React, Flask, ggplot2, dplyr

**IDEs & Tools:** PyCharm, VS Code, IntelliJ IDEA, Docker, Git