

Yusuf Morsi

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OBJECTIVE

Highly focused and hard-working student with experience in engineering, programming, research, and project management looking for opportunities in technology that I can contribute to.

EDUCATION

University of California, San Diego, Bachelor's of Science Degree

- *Electrical Engineering B.S. (Oct. 2020 - June 2024)*
- *Organizations:* ECE Alumni Mentorship Program, IEEE, ECE Student Council

Patrick Henry High School (San Diego, California), Engineering Academy, High School Diploma

- *High School Diploma (Aug. 2016- June 2020)*
- GPA: 4.27; Graduated with *Academic Distinction* and *Honors*

CERTIFICATIONS

University of California, San Diego Extension, Certification Program

- *Android Programming Program Certification (Sep. 2021 - June 2022)*
- *Business Management Program Certification (Oct. 2020 - May 2021)*
- *Front-End Web Development Program Certification (Jan. 2020 - Sep. 2020)*
- *iOS Programming Program Certification (Jan. 2019 - May 2019)*

International Business Management Institute, Certification Program

- *Project Management Program Certification (Aug. 2020 - Dec. 2020)*

INTERNSHIPS/RESEARCH

Undergraduate Researcher, UCSD Design Laboratory- Ubiquitous Data Computing Lab
Researcher, Young Engineer Experience, SDSU Experimental Mechanics Laboratory

April 2021 – Present
June 2019 - July 2019

WORK EXPERIENCE

Mathematics Instructor, Mathnasium

May 2021 – Present

Computer Product Tester, KLIM Technologies

June 2017 – Present

Stock Associate, Hollister Co.

August 2020 – April 2021

SPECIAL SKILLS

- Speaks Arabic at professional working proficiency
- Experience with:
 - Python, C, C++, Swift, Front-End Programming, and MATLAB (holds certification from MathWorks)
 - Autodesk Inventor, Autodesk Revit, Solidworks, Multisim, Eagle, Vivado, Fritzing, and Microsoft Office
 - Hobbies include 3D Printing, Photography, and working with FPGAs
 - Holds certification in **Cybersecurity for Critical Urban Infrastructure** from MIT (via edX) since July 2020
- Received **Adult and Pediatric First Aid/CPR/AED Certification** from American Red Cross in Aug. 2020 (expires in Aug. 2022)

RELEVANT COURSEWORK

- CISC 181: Principles of Information Systems
- ECE 5: Introduction to Electrical and Computer Engineering
- ECE 15: Engineering Computation
- ECE 25: Introduction to Digital Design
- ECE 16: Rapid Hardware & Software Design
- ECE 30: Introduction to Computer Engineering
- ECE 35: Introduction to Analog Design (Fall 2021)

REFERENCES

George Youssef, Ph.D., P.E. - Associate Prof. of Mechanical Eng. at SDSU; Principal Investigator of Experimental Mechanics Lab

- **Contact:** gyoussef@sdsu.edu

Ali Karbassi – RF/Microwave Design Engineer at Northrop Grumman

- **Contact:** ali.karbassi@ngc.com

Philip Ballo, MLIS., M.S. – Programming Instructor at University of California, San Diego Extension

- **Contact:** pballo@ucsd.edu