Matthew Torno

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EMPLOYMENT

Stanford University School of Medicine Orthopedics, Redwood City, CA — *Summer Intern*

Summer 2024

Provided assistance with data entry, clinical surveys, and research systems (e.g. PatientIQ, Redcap, EPIC)

Organized calendars and Excel spreadsheets, optimized inventory sorting protocols

Assisted with integration of new PatientIQ systems, gathered service data into feedback for systems managers

PROJECTS

Virtual Memory Simulator

2023

Created a virtual random access memory simulator in Linux using C, including caching and checksum verification

Web Server Project

2024

Created a fully functional terminal-based web server in Linux using C++ which could host websites and several common file types, as well as automatically generate index pages for chosen directories

Automata Conversion Project

2024

Created a Python program that converted automata into other forms, including converting Regex strings into equivalent NFA and DFA

EXPERIENCE

Zooniverse — *Volunteer*

2020 - 2021

Assisted Zooniverse research organization with transcription of documents (detainee cards during Holocaust)

SKILLS

Computer Skills

Proficiency with word processing

Proficiency with IDE's

Mathematical Skill

Design

Planning Skills

Adaptability

Persistence

AREAS OF FOCUS

Cybersecurity

Artificial Intelligence, Neural Networks

Software Engineering

AWARDS

Challenger School Spelling bee champion - represented my school in district spelling bee. Math bee and olympiad participant. Recognized several times for academic excellence

Honor Roll 4 years - Bishop O'Dowd High School (>3.5 GPA); 2 years - University of San Diego

eFuze Tournament 2021 - Lower Bracket winner for League of Legends

Second Honors USD Shiley-Marcos School of Engineering

Cultivated patience, transcription/organization skills, teamwork working with fellow translators

Reading Partners, Fremont, CA — *Volunteer*

2019 - 2020

Guided underprivileged/non-English-speaking kindergarten/1st grade students through English reading, writing, grammar, spelling

Learned how to work with fellow tutors, patience, motivational and teaching skills

Willow Creek Alzheimer's & Dementia Care Community, Castro Valley, CA — *Volunteer*

2018 - 2019

Helped the elderly/mentally ill with daily activities

Cultivated better understanding of the struggles of physically/mentally disadvantaged people

Oversaw leadership, management, organization skills through assisting with planning of events and teamwork

EDUCATION

Bishop O'Dowd High School, Oakland— *High School degree*

Aug 2017 - May 2022

Cumulative GPA: 4.13

University of San Diego, San Diego— *Undergraduate*

Aug 2022 - May 2026

Major: Computer Science (B.S.)

EXTRACURRICULARS

Feeding Programs

Participated in feeding programs for the economically challenged population in the Philippines, as well as at St. Anthony's in the San Francisco Tenderloin

Bay Area Fight Academy Fremont

Learned unarmed self-defense, physical and mental discipline

American Swim Academy Union City

Learned practical swimming as part of a series of lessons. Learned coordination and calmness during dangerous situations.

LANGUAGES

English

Some Mandarin Chinese

Kumon Newark

9 years worth of math learning. Learned difficult math concepts as well as mental discipline.

O'Dowd Gaming Club

Played on the O'Dowd eSports team for 2 years, learned teamwork, communication and planning skills

O'Dowd Game Development Club (programmer/artist role)

Several hours per week of game development and art. Learned teamwork, artistic skill and effective workflow through GitHub.

USD Japanese and Filipino clubs, Asian Student Association

Several hours per week of cultural immersion with some emphasis on identity and diversity discussions

Hackathon Participant

Participated in app development hackathon with a team of 4, learned teamwork and coding skills in a 2 hour crunch window