

Maxx Tandon

maxxtandon@gmail.com | <https://www.linkedin.com/in/maxxtandon> | 702-444-9592

Available July 2023 – December 2023 | Boston, MA

EDUCATION

Northeastern University, Boston, MA

September 2021 – Present

Khoury College of Computer Sciences, Honors Program

Anticipated Graduation: May 2025

GPA: **3.97** / 4.00

Candidate for Bachelor of Science in Computer Science and Mathematics

Distinctions: Dean's List (Fall 2021, Spring 2022, Fall 2022), Honors Scholarship

Coursework: Object-Oriented Design, Algorithms and Data, Logic and Computation, Database Design

Activities: University Chess Club A-Team, Chess.com Ambassador

Ed W. Clark High School, Las Vegas, NV

August 2017 – May 2021

Distinctions: Honors Distinction, Advanced Honors Diploma, Rank **3rd** out of 724 students

Activities: Chess Club President & Varsity Captain, Science Bowl President & Varsity Captain

TECHNICAL KNOWLEDGE

Languages: Python, Java, MySQL, Bash, HTML, JavaScript, CSS, ACL2S

Systems: Windows, Linux including UNIX Shells of Debian, Ubuntu, and Arch Linux; WordPress & Shopify CMS

IDEs: PyCharm, IntelliJ, Eclipse, DataGrip, Visual Studio Code

EXPERIENCE

Full Stack Developer, Casino Education Group — Las Vegas, NV

August 2022 – Present

- ❖ Lead developer and administrator of both back-end and front-end resources hosted on a dedicated server
- ❖ Initiated development of LMS within WordPress CMS
- ❖ Designed MySQL database hosting users that is updated via WordPress REST API through a Python application
- ❖ Developed hour-logging system with pin verification and course checklist application on web.py framework

Tutor, GoPeer — Las Vegas, NV

July 2021 – August 2022

- ❖ Prepared and created course plans for students ranging from elementary school to college
- ❖ Hosted 100+ lessons between Python, Statistics, Algebra, and Calculus with a 100% satisfaction rate

Web Support Department Head, Nevada Help Desk, LLC — Las Vegas, NV

June 2019 – September 2019

- ❖ Directed tickets and projects for Web Support and Search Engine Optimization departments
- ❖ Handled communication between clients and departments ensuring product needs were met

PROJECTS

Hour Logging Web Application

January 2023

- ❖ Created web application on web.py framework that allows for users to start and end logging sessions in coordination with a pin verification system written in Python which interacts with a MySQL database
- ❖ Utilize web.py as back-end framework with HTML, CSS, JavaScript on front-end and MySQL for database

Course Checklist Web Application

December 2022

- ❖ Developed a web application for a course checklist, allowing for instructors to manage student progress
- ❖ Employed WordPress REST API and LifterLMS REST API to modify WordPress site via Python application
- ❖ Written in web.py framework, utilized Python for sending requests and interacting with MySQL database

COVID-19 Vaccine Statistical Analysis

November 2022 – December 2022

- ❖ Studied the importance of vaccination status and population density as predictors for mortality rate
- ❖ Analyzed and cleaned OWID data set in collaboration with others utilizing GIT VCS
- ❖ Applied sklearn regression models to examine feature importances when developing models for mortality rates

AWARDS

- ❖ Senatorial Recognition – Jacky Rosen
- ❖ Nevada STEM Challenge Presenter – Recognized by Governor Brian Sandoval
- ❖ U.S. Presidential Scholar Nominee

INTERESTS

Music: Guitarist for 10+ years

Philosophy & Psychology: Fyodor Dostoevsky, Carl Jung, and Friedrich Nietzsche