Maxx Tandon

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EDUCATION

Northeastern University, *Boston, MA*   September 2021 – Present
Khoury College of Computer Sciences, Honors Program   Anticipated Graduation: Dec 2024
GPA: **3.97** / 4.00   *(3.5 year track)*
Candidate for Bachelor of Science in Computer Science and Mathematics

      Distinctions: Dean's List (all semesters), Honors Scholarship
      Coursework: Object-Oriented Design, Algorithms and Data, Logic and Computation, Database Design,
      Artificial Intelligence, Theory of Computation, Differential Equations and Linear Algebra
      Activities: The Ortelian Society, University Chess Club A-Team, Chess.com Ambassador

TECHNICAL KNOWLEDGE

Languages: Python (web.py, Flask, unittests), Java, MySQL, Bash, HTML, Jinja2 Templating, JavaScript, CSS
Systems: Windows (WSL2), Linux including UNIX Shells of Debian, Ubuntu, and Arch; WordPress & Shopify CMS
IDEs: PyCharm, IntelliJ, Eclipse, DataGrip, Visual Studio Code, Visual Studio

EXPERIENCE

President, The Ortelian Society — *Boston, MA*   *May 2024 – Present*
- Led the premier organization in study of Classical and heterodox thought at Northeastern University
- Handled partnerships, sponsors, and organized speaker events in tune with the current society theme

Full Stack Developer, Casino Education Group (dba CasinoQuest/CEG) — *Las Vegas, NV*   *August 2022 – Present*
- Lead developer and administrator of software projects in the casino/education industry
- Designed a student management system with an inbuilt LMS for CEG Dealer School supporting 800+ students
- Managed development resources on a dedicated server, including firewall configuration, cron jobs, and DBSM

Tutor, GoPeer — *Las Vegas, NV*   *July 2021 – August 2022*
- Prepared and created course plans for students ranging from elementary school to college-level
- 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

Personal Website   *March 2024 - May 2024*
- Created and hosted a website to showcase personal projects and experiential information
- Utilized React for client-based processing to minimize latency

Fischer Random Chess Engine   *March 2024 - April 2024*
- Trained supervised and unsupervised models using Minimax and alpha-beta pruning to play Fischer Random
- Incorporated Stockfish8 concept functions into MLPs to configure unsupervised models in PyTorch
- Developed scripts to automate game playing and analysis to evaluate model performance

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 prepared OWID data set in collaboration with others utilizing GIT VCS
- Applied sklearn regression models to examine feature importances including displays with matplotlib

AWARDS

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

INTERESTS

Music (guitarist), Philosophy & Psychology: Fyodor Dostoevsky, Carl Jung, Ken Kesey