Naing Lynn Kyaw

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EDUCATION

Arizona State University, Ira A. Fulton School of Engineering, Tempe (3.5 GPA)   Aug 2023 - May 2027
B.S, Computer Science (Software Engineering)
- Recipient of Arizona Promise Grant Scholarship, New American University Scholar - Dean's Award List

SKILLS AND ACTIVITIES

Technical Skills: Python, Java, C++, HTML, CSS, Javascript, SQL, GIT, Node.js, Typescript
Languages: Burmese, Thai, and English

PROJECTS

https://github.com/Nairinn

Graphical User Interface for Stockfish (Python)   Aug 2021 - Present
- Created GUI for a Chess AI (Stockfish) to analyze games and find best moves to improve decision making by ~95%.
- Integrated Stockfish AI API with 2 options between automated & learning mode

Color and Shape Matching   Oct 2023
- Developed an interactive color matching game for the elderly and children using JavaScript, HTML, and CSS, emphasizing user-friendliness, accessibility, and cross-browser compatibility
- Received positive user feedback and created an engaging, educational tool that successfully bridged generational gaps, promoting cognitive development and user satisfaction

Guess the Picture   Oct 2023
- Developed a compassionate and user-friendly facial recognition game for dementia patients, utilizing JavaScript, HTML, and CSS. This game allows users to upload pictures and names locally for the purpose of improving facial recognition and memory retention
- Designed an accessible and intuitive user interface with an emphasis on simplicity, large buttons, and clear instructions, making the game an effective tool for enhancing cognitive abilities and quality of life for dementia patients

Scramble   Oct 2023
- Designed and developed an engaging Scramble word game using HTML, CSS, and JavaScript. Users are challenged to unscramble words from a dynamically generated word bank, promoting language skills and problem-solving
- Crafted a visually appealing and user-friendly interface with HTML and CSS, enhancing the gaming experience. The project effectively combines education and entertainment, offering an interactive tool for language enrichment and cognitive stimulation

Personal Website   Oct 2023
- Developed a personal website using HTML, CSS, and JavaScript to showcase my professional profile, resume, and portfolio of projects. The website effectively presents my skills and accomplishments while providing a platform for easy contact and networking

Dementia Dealer   Nov 2023
- Crafted with expertise in HTML, Javascript, and CSS, a bespoke website emerges, dedicated to enhancing memory and motor skills for dementia patients. This digital haven seamlessly integrates three distinct games, each uniquely tailored to provide targeted support and engagement for those navigating the challenges of dementia.

Video Conferencing Website   Nov 2023
- Crafted a Video Conferencing Website, harmonizing JavaScript, HTML, CSS, Node.js, Python, and Java for a seamless experience in large corporate meetings and coding collaborations. This innovative platform effortlessly blends state-of-the-art video conferencing with advanced IDEs and Document Editors, setting a new standard for virtual engagement.

MedPredict   Feb 2024
- Currently under development using Java, HTML, CSS, Javascript, Node.js, React.js.
- Projected to reduce diagnosis time by 30% through the optimization of software algorithms streamlined through data processing.
- Developed through GBT and prompt engineering, with a 98% diagnostic accuracy rate.

LEADERSHIP AND AWARDS

Massachusetts Institute of Technology Science Bowl Invitational
Massachusetts Institute of Technology, Cambridge, MA   Nov 2019
- Invited to compete at the MIT Science Bowl with 3 other teammates. Teammates focused on 3 other subjects: Earth Science, Physics, and Biology, focused on learning Chemistry in the span of 2 months
- Placed 3rd overall nationally competing with top ranked highschools and the brightest kids in the nation

Harvard-MIT Math Tournament
Harvard University - Massachusetts Institute of Technology   Nov 2019
- Invited to compete at Harvard-MIT Math Tournament, it is one of the largest and most prestigious high school competitions in the world where top scoring Math Olympiad Champions around the globe come to compete
- Refreshed/relearned and taught Theoretical mathematics to other contestants for 3 months to prepare