

MON JERICHO SY

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EDUCATION

De La Salle University – Integrated School

Senior High School, STEM Track

Taft, Manila

March. 2018 – April 2020

De La Salle University

Bachelor of Science in Computer Science, Major in Network and Information Security

Taft, Manila

Aug. 2020 –

EXPERIENCE

Facial Recognition Software Developer

De La Salle University – Integrated School

September 2019 – March 2020

Taft, Manila

- Developed facial recognition software to accurately detect East Asian faces
- Developed facial recognition and detection software using Python along with Tensorflow and OpenCV to detect and train on faces
- Explored ways to detect non-Western faces in public facial recognition software.

Bird Feature Identification Software Developer

De La Salle University – Integrated School

Nov. 2022 – December 2022

Taft, Manila

- Developed a bird feature categorization model to correlate certain features with other features
- Cleaned the dataset taken from the Internet for proper analysis by my team
- Programmed various metrics to measure correlation between various features of songbirds.

Hack4Gov Competition Participant

Manila Prince Hotel

March 2022

Manila, Metro Manila

- Participated in the second Hack4Gov competition
- Placed Top 10 within the rankings
- Mostly did the encryption and forensics parts of the tournament

Hack4Gov Competition Participant

Lucky Chinatown Hotel

March 2024

Manila, Metro Manila

- Participated in the third Hack4Gov competition
- Placed 6th place out of 20 groups within the rankings
- Mostly did the encryption and forensics parts of the tournament

PROJECTS

Facial Recognition Software | Python, Tensorflow, OpenCV

September 2019 – March 2020

- Developed facial recognition software using Python using Tensorflow and OpenCV
- Implemented deep neural networks to accurately determine face
- Used OpenCV to detect faces of subjects
- Used Tensorflow to retrain model against 5 and above East Asian faces

Website Security | HTML, Javascript, CSS, Svelte

March 2024 – May 2024

- Secured a website against various vulnerabilities
- Implemented SQL injection protection, Javascript protection, and input sanitization to protect the website.
- Used Vercel to host the website and keep logs of the website

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, Rust, x86 Assembly

Developer Tools: Git, Docker, Vim, BSD Jails, VS Code, Visual Studio, Netbeans

Libraries: pandas, NumPy, Matplotlib, Tensorflow, OpenCV