XXX

https://github.com/XXX/

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EXPERIENCE

Software Engineer (React Native/Deep Learning (link)) | Aug 2021 - May 2022
We2Link | *Los Angeles, CA*

- **Mobile App Developer**: Bring the design team's vision to life by creating captivating and intuitive mobile applications for **Android and IOS** using React Native.
- **UX Design**: Implemented a 2D reordering animation feature to keep important widgets on the top to save time.
- **Deep Learning(NLP)**: Developed and implemented an AI to assist brain-injured patients by answering questions from the saved note to help caregivers.

Software and Course Quality Assurance(link) | Aug 2020 - Aug 2021
*DeepLearning.AI at Coursera (**NLP**)* | *Remote, United States*

- **Software Course Designer**: Enhances team performance by conducting rigorous unit testing under NDA agreements. My **mentorship of 1000** learners resulted in their success in the published course.

Software Engineer (Harvard University website link) | Aug 2021 - Jun 2022
Harvard NLP | *Remote, United States*

- **Software Engineer**: Revamped **Pytorch** NLP model codebase from a 2017 standard to a 2022 standard, empowering learners to train without high-end GPUs. Boosted model performance and efficiency.

EDUCATION

California State University, Los Angeles | Los Angeles, CA
Bachelor of Science in Computer Science; 3.2/4.0 GPA | *Graduated on Jun 2022*

Meta Certificate on Front-End, Back-End, Android Developer
Meta Certificate in Front-End Developer (Certificate Link) | *Jan 2023 - July 2023*

PROJECTS

Paddy Disease Computer Vision Detector (Kaggle link):
a) Developed a highly accurate Paddy Disease Detector with 97.8% AI classification accuracy.
b) Built and trained a Pytorch deep-learning customized ConvNext model.

Automate Post-Disaster Damage Recognition System (GitHub link):
a) Developed a Deep Learning UNet model application to label house damage levels on satellite images.

React.js Computer Vision Project (GitHub link):
a) React web app with ResNet model for classifying 1000+ objects, now integrated into PyTorch's codebase.

AI Colorization Model (GitHub link):
a) Transformed black and white images into vibrant, lifelike masterpieces using the Deep Learning model.

Android Restaurant App(GitHub link):
a) Enables food ordering and shows restaurant menus for customers with Kotlin and Jetpack .

Full Stack User Login Website (GitHub link):
a) Developed a secure login website using JSON Web Tokens (JWT) and a responsive UI(MUIv5) and Express.js as the backend.

SKILLS AND CERTIFICATIONS

AI: Deep Learning, Computer Vision, Large Language Models(NLP), Diffusion Models, LangChain, Scikit-Learn

Software(Web/Mobile/others): React.js, Redux, Express.js(Node.js), Django Android Development(Kotlin and Jetpack), React Native, MySQL, Figma(UI/UX), MongoDB, Java, Python, C++, JavaScript(ES5/ES6)

Coursera Certifications (2023/04/17) by Stanford University, UCSD, Deep Learning.ai, Meta, etc:
42 courses cert. and 7 specializations in Deep Learning, Machine Learning, Object Oriented Java Programming.