

Jude Lim

MS in Computer Science and Applications

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Location:

Falls Church, VA, USA

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https://github.com/KenLim4337/

Website:

https://kenlim4337.github.io/

Summary

Master's graduate in Computer Science and Applications at Virginia Tech with a focus on Human Computer Interaction, Data Analytics, and Machine Learning. 5 years of professional experience building web applications with a variety of technologies such as HTML, Cascading Style Sheets (CSS), JavaScript, and Python in both front-end and full-stack development.

Skills

Hard Skills

Full Stack Web Development, Data Analytics, Human Computer Interaction (HCI), Machine Learning/AI, User Experience, Conversion Rate Optimization (CRO), Search Engine Optimization (SEO)

Soft Skills

Teamwork, Problem Solving, Attention to Detail, Critical Thinking, Verbal Communication, Written Communication, Adaptability

Languages

English (*Native*), Mandarin (*Intermediate*), Cantonese (*Intermediate*), Bahasa Melayu (*Intermediate*)

Education

Virginia Tech

2021 - 2023

Master of Science in Computer Science (GPA: 3.91)

Graduate Certificate in Data Analytics

University of Queensland

2014 - 2017

Bachelor of Information Technology (Honors)

Publications

Co-author

Human-in-the-loop for computer vision assurance: A survey

Engineering Applications of Artificial Intelligence, Volume 123, Part B, 2023

Professional Experience

Research Assistant

August 2021 - Present

Crowd Intelligence Lab at Virginia Tech (Arlington, VA, USA)

Designed and developed two Django web development projects.

- Designed and developed Backdrop Explorer, a web-based platform that allows users to search and subsequently sort Civil War portraits based on their background content using a novel AI pipeline (<https://vtechworks.lib.vt.edu/handle/10919/115427>).
- Redesigned the homepage of Civil War Photo Sleuth, a free, web-based platform and an online community to help identify unknown portraits of soldiers from the American Civil War era (<https://doi.org/10.1016/j.engappai.2023.106376>).
- Assisted with the writing, editing, and submission of several paper submissions.

Frontend Developer (Conversion Rate Optimization)

Conversion Kings (Australia)

February 2018 - July 2021

Increased conversion rates and revenue for over 40 national and international brands through the development, maintenance and analysis of over 250 A/B tests and web-pages using HTML, CSS, and JavaScript.

- Developed pixel-perfect, responsive, cross-browser A/B tests and web-pages based on prototypes provided by designers.
- Reduced project turnaround time and missed bugs by 30% by implementing a standardized user acceptance testing process and managing the testing team..
- Contributed to several large-scale Wordpress web development projects.

Frontend Developer

Gliding Queensland (Australia)

March 2017 - November 2017

Fixed issues with existing Joomla website and constructed a framework for redesigning a Joomla website by providing feedback based on design and development best practices.

Intern

KPerak Implementation and Coordination Corporation (Malaysia)

December 2015 – February 2016

Delivered a full-stack PHP project in the form of an internal employee assessment web application. The project was completed 2 weeks ahead of schedule and subsequently deployed with minimal rework.

Other Experience

Hacker & Crew

GovHack 2017 (Australia)

July 2017

Received honorable mention for the "Going places" national award category by developing a mobile PHP web application that guides users through Brisbane art installations using public bike racks.

Other Certifications

Google Analytics Academy

Advanced Google Analytics

Google Tag Manager Fundamentals

Google Analytics for Beginners

2019 - 2020

MiTx on edX

15.071x The Analytics Edge

2019

Hobbies and Interests

Cooking, Coffee Roasting, Embroidery