Lu Jingjun (Jeff)

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Education

Bachelor of Engineering
Nanyang Technological University   Aug 2019 - Jun 2023
- Major in Electrical and Electronic Engineering
- GPA: 4.76/5.0 (expected Highest Distinction)
- Full scholarship awarded by the Ministry of Education Singapore (MOE) to top 5% students

Working Experience

Deep Learning Researcher (Part-time Job)
A*Star Singapore   Sep 2020 – Present
- Medical Image Clustering & Features Extraction
  - Preprocessed 3000+ 2D brain tumor images using OpenCV & 300+ BRATS2017 3D MRI images using NiBabel
  - Classification of brain tumor images using CNN and Resnet
  - Applied auto-encoder and decoder to medical images using U-net structure
  - Clustering of brain tumor MRI images based on tumor types using k-means algorithm
  - Implemented self-learnt image features on cerebral x-ray annotation, classification and CT based measurement for accidental findings distinguished from normal CTs

E-commerce Web Developer (Vacation Job)
SLM Visioncare Singapore   Apr 2020 – Jun 2020
- Web Development
  - Designed and optimized website layouts and contents for user experience enhancement after gathering feature requirements from the manager
  - Built information chatbot for online customer service and appointment making on the website
  - Solved 5+ problems for website 404 errors and problems of display errors due to incompatibility between phones and PCs
- Search Engine Optimization
  - Came up with the SEO strategies - providing short links to inside urls, adding titles and headings according to certain keywords, optimizing readability on tablet and mobile, etc.
  - Consolidated a list of keywords for SEO
  - Improved Google ranking from No.5+ to No.2
- Online Marketing Management
  - Built and managed company's official WeChat account for publicizing company's service
  - Lead generation with blog writing about news, discounts info, treatments

on company's official WeChat account
- Liaised with leads generated and introduced the benefits of company's service and treatment process and effects
- CRM System Management
    - Scanned and entered 1/3 of company's profiles and invoices documents to Wess system for company customer information digitization
    - Communicated with CRM service provider to troubleshoot the CRM system
    - Conducted CRM system in-house training for all company employees
    - Troubleshooted username and password issues for 10+ company's accounts

Research Assistant (Vacation Job)
China Southern Flight Training Center (China) Jun 2019 - Jul 2019
- Raw Data Cleaning
    - Utilized MySQL for raw data cleaning process
    - Corrected raw data to ensure information consistency
    - Successfully cleaned up 1/4 of the entire database for company product
- Software Testing
    - Conducted test for 3 newly in-house developed mobile apps
    - Reported 10+ bugs for product enhancement
- Office duties: Data entry & document archive

Volunteering Experience

Sub-committee Member
Tanjong Pagar Youth Executive Committee Aug 2018 - Present
- Organizing and executing events (e.g. team bonding) for local residents
- Participating in the weekly soccer interest group consisting of 60+ players

Medical Assistant
Zhuhai Maternal and Child Health Care Hospital Aug 2014 - Aug 2016
- Provided medical service for children with autism for 60 hours

Event Planner
Nanyang Technological University Oct 2019 – Nov 2019
- Plan and organize the Purple Parade NTU on-site activation booth as a member in the organization committee.

Additional Proficiencies

Information Technology: C, Python, HTML5, CSS, JS, PHP, MySQL, Machine learning
Language: English (Fluent), Mandarin (Native)