Mr. Loo Pin Mok (Max)

Member – SCS, AAAS   Subscriber – Nature NMI, MIT Tech Review

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Personal Profile: Software Developer
- Availability: Immediate
- Last-Drawn Salary: $3819
- Expected Salary: more than $3K
- Career Objective: Data Analyst, Data Engineer, AI Engineer, Bioinformatician
- Qualities: explorer, responsible, humble, self-paced, self-improving, work life balance
- My PC: Lenovo Legion Pro 5i (Intel Core i7-13700HX, NVIDIA RTX 4060, 32GB DDR5, 1TB SSD)
- Person With Disability (Work requirements). Remote Worker. If needed, in office: 2pm-4pm.

Key Skills
- Python, Flask, Pandas
- Keras, TensorFlow, PyTorch
- C, C++, C#
- Java
- Haskell
- VBA
- JavaScript, TypeScript
- HTML
- CSS, Bulma
- Vue
- XAMPP
- Windows, WSL, Mac
- cmd, Bash, terminal
- VS Code, Anaconda
- Google Apps Script
- Node, Yarn, npm
- NLP, GPT, Langchain

Key Accomplishments and Award
- Created Google Sheets frontend, Vue frontend, Flask backend
- Upgraded Haskell transpiler
- Compared documents with BeautifulSoup, PyTorch, SentenceTransformer
- Created website with XAMPP (Apache, MySQL, PHP)
- Presented data with Excel VBA macro
- Recognised graphics with C/Matlab
- Upgraded C# website
- Performed UAT and system migration
- Tested Java Applets
- OCBC Bank University Scholarship (1997-2001)

Courses Taken and Qualifications
- Link to List of Online Courses I've tried, Link to My LinkedIn to View Some Course Certificates
- 2008, Universitas 21 Global MBA, *https://maxlooresume.wordpress.com/mba-transcript/*
- 2001, NTU EEE BEng (Hons), major CE, *https://maxlooresume.wordpress.com/ntu-eee-qualification*
- 1994, GCE A-Level, Tampines Junior College, *https://maxlooresume.wordpress.com/a-level*
- 1992, GCE O-Level, Dunman High School, *https://maxlooresume.wordpress.com/o-level*

Career Summary
- SMU YPHSL CCLAW, Research Assistant (Aug 2020 – Aug 2023)
- PeopleWorldWide Consulting, Admin (Oct 2015 – Jan 2020)
- Super Travels, Webmaster (Sep 2012 – Feb 2013)
- DHL Supply Chain, Senior Logistics Assistant (Aug 2009 – Aug 2010)
- MSIG MSI IT, Assistant Application Analyst (2007 – 2008, 9 months)
- TeleScience, Account Manager/Sales Engineer (Oct 2001 – Feb 2004)

Appendix

Skills Exposures

Git, GitHub, Tableau, Jupyter, OpenCV, Xming, Gunicorn, MinGW, Visual Studio, JSON, REST, NextJS, React, Tailwind, Sublime IDE, SSH, Slack, Zoom, Asana, jQuery, XML, Bootstrap, Jekyll, DMN, CLASP, Regex, PureScript, Prolog, Docker, WSH, VBS, ASP.NET Core, MSSQL, MySQL, PHP, MATLAB/Octave, TDD, WMS, SAP MM / FI, IIS, Plesk, TeamViewer, Skype, MS Teams, Webex, FileZilla, Vim, Nano, Artificial Intelligence (Machine Learning, Neural Networks, NLG, GitHub CoPilot, StarCoder, spaCy, NLTK, BERT, GPU, CUDA), Tesseract OCR, Symbolic AI, Computer Science, sed, perl, awk, grep, D3.js, Theia IDE, Google (GCP, Colab, FireBase, Analytics), AWS (S3, EC2, DynamoDB, Textract), AJAX, AngularJS, WordPress, PowerShell, Golang, MongoDB, R, Django, Assembly, Bootstrap, cybersecurity, biology (biochemistry, genetics, molecular biology, recombinant DNA, genomics, rational medicine (heart disease, cancer)), human anatomy, bioinformatics

Work Experience

Singapore Management University (Aug 2020 – Aug 2023) Research Assistant	Symbolic AI (Tasks: Research, Learn, Experiment, Develop, Test, Upgrade); Repo: https://github.com/smucclaw; Upgraded Haskell transpiler; Created Google Sheets FrontEnd with Google Apps Script; Created BackEnd using Python Flask; Upgraded FrontEnd using Vue; Created Flask-Vue stack running Torch, Transformer for document comparison; learnt various skills (Haskell, Git, Bash, Kogito, etc); practised many more skills
PeopleWorldWide Consulting (Oct 2015 – Jan 2020) Admin	Implemented Tesseract OCR and CLI bulk print application; Supported and troubleshot in HTML, CSS, JavaScript for company website; Developed ad hoc experimental form website internally in PHP, MySQL, HTML, CSS using XAMPP; Performed regular routine and ad hoc tasks
Super Travels (Sep 2012 – Feb 2013) Webmaster	Provided technical support and software innovation with HTML, VBS, DOS, C# (.NET), MS-SQL to internal customers and work processes; Performed SEO analytics on IIS, Plesk, improved website; Performed online marketing tasks via Facebook
DHL Supply Chain (Aug 2009 – Aug 2010) Senior Logistics Assistant	Successfully managed warehouse operations assisted by WMS and SAP MM applications
MSIG Insurance (2007 – 2008, 9 months duration) Assistant Application Analyst (MSI IT)	Successfully prepared, migrated and verified data systems; Provided IT support for regional subsidiary end users to ensure the smooth roll-out of business systems and post deployment sustainability; Identified issues to ensure that business logics are in place with UAT; Documented all systems improvements, updates and upgrades pertaining to Pro4 and Citrix
TeleScience (Dec 2002 – Feb 2004) Account Manager (Oct 2001 – Dec 2002) Sales Engineer	Achieved targets for selling and supporting EXFO fibre optical test instruments, Finisar network analysers and other telecoms infrastructure measurement and monitoring products
NTU EEE Final Year Project (Jul 2000 – Jun 2001)	Assisted in verifying, documenting and presenting Java applets for illustrating Maths concepts
NewsPage (Jan – Jun 2000) Support Engineer (Software House Industrial Attachment)	Designed, developed and improved data extraction, analysis, presentation UI for end user system using EXCEL VBA Macros, evaluated CRM solutions; Installed Windows NT server; Tested and functionally documented commercial mobile application
NTU EEE In House Practical Training (Jun – Jul 1999)	Worked in a team to develop Artificial Neural Networks (with the backpropagation algorithm) using Matlab and C programs to recognise fingerprint graphics