LEO RENY

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OBJECTIVE

Results-oriented AI professional with a proven track record of developing and implementing cutting-edge AI systems . Skilled in collaborating with cross-functional teams to achieve production design and system development. Strong expertise in AI predictive modeling, human-AI interaction, and optimizing AI-powered chatbots, resulting in cost savings, increased customer satisfaction, and improved operational efficiency.

SKILLS & COMPETENCIES

- OpenAI Assistants API, LangChain
- Python, R, Java, JavaScript, MATLAB, C, C++, PHP, HTML, PHP
- Ubuntu, WSL, Windows, OpenAI, Azure OpenAI, Android, VMWare, Docker, Jupyter
- Tensorflow, Kaldi, NLP, CNNs, RNNs, ASR, NumPy, Pandas, Tkinter
- Hyperion, Siebel, SAP, JD Edwards, AS400
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EXPERIENCE

HYPech.com   Toronto, ON
Architect   2024 – present
- Design and developed AI Cover Letter App using OpenAI Assistant and Python, delivering hours to seconds reductions in preparation time while simultaneously enhancing quality and professionalism
- Leveraged strategic approaches to overcome website anti-scraping measures, achieving 100% data extraction success using Selenium for Linkedin and Indeed
- Transformed Tkinter UI elements for a more user-friendly and modern interface, enhancing user experience
- Migrated hypech.com and seeingvoice.com websites to static hosting on Github and Netlify, streamlining maintenance and accessibility

SEEINGVOICE INC   Taiyuan, China
Founder, Architect   2018 – 2023

- **Secured $1.4M (￥10M) in funding:** Led the successful acquisition of $1.4M (￥10M) from government and private investors to finance the development and launch of the Seeing Voice AR System.
- **Led a 30+ person team:** Spearheaded the development of the Seeing Voice AR System from concept to market, achieving 3,000 units sold in the first year.
- **Developed Seeing Voice AR System:** Led a team of 30+ developers to build the Seeing Voice AR System based on Kaldi and Tensorflow, featuring an AI-powered natural language processing model with 93% accuracy for user interaction.
- **Increased model accuracy and efficiency:** Utilized local Chinese language datasets to enhance model accuracy by 20% and reduce training time by 30%.
- **Secured intellectual property:** Secured 6 patents related to AI-based ASR and AR Glasses technology.
- **Developed successful mobile app:** Created a Hearing Test App for Android with 160,000 downloads, demonstrating expertise in mobile development and understanding of user needs.
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- **Secured ￥10M (US$1.4M) in funding:** Successfully raised capital from government and private investors for the Seeing Voice AR System.
- **Led a 30+ person team:** Spearheaded the development of the Seeing Voice AR System from concept to market, achieving 3,000 units sold in the first year.
- **Pioneered AI-powered natural language processing:** Developed and deployed an AI model with 93% accuracy, enabling Seeing Voice AR Glasses to understand and respond to user inquiries, enhancing product functionality.
- **Optimized AI training processes:** Leveraged local Chinese language datasets to improve model accuracy by 20% and reduce training time by 30%.

- **Intellectual property leader:** Awarded 6 patents related to AI-based ASR and AR Glasses technology.
- **Developed and launched successful mobile app:** Created a Hearing Test App for Android with 160,000 downloads, demonstrating understanding of user needs and mobile development expertise.
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- Raised ￥10M (roughly US$1.4M) to fund Seeing Voice AR System from government fund and private investors
- Led a 30+ developing team developed Seeing Voice AR System based on Kaldi and Tensorflow, sold 3,000 pairs in 1 year
- Developed and deployed an AI-based model for natural language processing, enabling the Seeing Voice AR Glass to understand and respond to customer inquiries with 93% accuracy, making the products
- Trained AI models using local Chinese language datasets and optimized training processes, achieving a 20% increase in model accuracy and a 30% reduction in training time
- Awarded 6 patents including AI-based ASR and AR Glasses
- Developed Hearing Test App in Android, achieved 160K downloads

CGI   Montreal, QC
Oracle Consultant   2016 – 2018
- Developed revised waterfall allocation process to spread overhead expenses appropriately down to lowest level cost centers and projects in Hyperion Planning – shorten the running time from 2 hours to 15 minutes
- Built a Planning cube to capture current access to the HFM application for the managers of the users to approve the access of their immediate subordinates to the system for audit purpose every quarter
- Implemented Hyperion Planning forecasting and budgeting by 6 G&A departments and 14 Capex groups
- Re-designed financial reports to connect to HFM directly bypassing the working sheets using Smart View, SAP, HFM, and HFR Studio – shortened month-end report preparation time by 1-2 days
- Built up matching model among HFM, SAP, and Excel data to create management report from smelter trial balance rather than from HFM – eliminated the splitting work from the month-end report process
- Designed dashboard-based month-end checking model with 200+ checking points with Smart View, improved efficiency of HFM validation, cross-company booking and HFM uploading by 30%

GLENCORE INTERNATIONAL AG   Toronto, ON
Senior System Consultant   2013 – 2016
- Automated the daily general ledger load into Hyperion, added extra error checking and notification processes
- Provided history audit logs to finance/accounting/tax team during internal or external auditing by retrieving reports from HFM application, FDM audit tables, and Shared Services module
- Coordinated Hyperion, SAP, and accounting team to streamline SAP GL to Planning data loading process through FDMEE – reduced processing of monthly reports from days to hours
- Built FDMEE mapping table to integrate SAP and HFM – led to 0 manual adjust for report uploading
- Composed FDMEE upgrading (from 11.1.2.2 to 11.1.2.4) document, redesigned Load Mapping Script
- Provided development support for Hyperion reporting systems with over 100 users and more than 300 reports for functional operational objectives using SAP with Hyperion Financial Reporting and Interactive Reports
- Developed high-visibility and high-priority Hyperion Interactive Reporting dashboard solution for operations reports providing tracking of revenue, COGS, operating expenses, gross margin and inventory
- Supported month end financial close process – improved efficiency by eliminating manual work
- Designed, built and deployed Excel application to forecast warehouse capacity, optimize production, storage and distribution resources in alignment with seasonal and geographic sales trends
- Implemented Open Text Vendor Invoice Management for SAP® (VIM) with consultants, cooperated with logistics, traffic, accounting team to design functional specification and processing flow chart using Visio
- Defined VIM scope by hosting weekly conference call with key users from different sites, management and third party consultants, collected user requirements, and identify the milestones of VIM
- Conducted GAP analysis among AP, Logistic team, and VIM, redesigned Invoices approval process and Invoice validation process – shortened the implementation and training period by 30%
- Troubleshot VIM performance issues and presented findings to senior management – led to 32% performance improvement and increased user satisfaction by 49%

- Analyzed SAP IS Mining system, helped resolve key issues related to inventory evaluation, mark to market price revaluation, FX revaluation, settlement, and sites financial performance calculation
- Invented QP-based inventory concept for hedging purpose, developed SQL statements in Access to build up QP-based inventory from sites' physical inventory and SAP invoices – improved accuracy by eliminating manual adjustment, simplified the hedge model logic, and reduced time to prepare hedge model by 75%
- Re-modeled Hedging Open Position and DA report for trading team monthly with 100% accurate rate using SAP, Access with SQL statements – clarified the confusion between trading team and accounting team
- Designed Hedging Cross Checking model, helped traffic team catch hedging mistakes, and advised hedging position using Excel – saved company more than 7 million hedging loss
- Calculated Risk Exposure, prepared hedge Mark to Market journal entry, and reconciled hedge net risk tonnage – identified and evaluated the business risk and operation control deficiency
- Re-modeled operating budgets, financial forecasts, and budget vs. actual reports using Power Pivot – simplified data preparation and management adjusting process
- Created models for amortization of credit facilities and amortization of long term loan receivables

TIANJIN PRECIOUS METALS EXCHANGE
Project Manager

Tianjin, China
2007 – 2013

- Architected and designed consolidated management reporting, budget and forecasting system using Hyperion Planning, HFM, Financial Reporting, and Smart View
- Identified all dimensions, dimension members, aliases, attribute dimensions, smart lists, supporting detail, notes and annotations, especially summary-level (roll-up) dimension members and data storage type
- Created the entire Planning application including metadata and data to incorporate Headcount data from SAP BW source system into primary Planning application for Budgeting process
- Managed and mentored cross functional team of internal IT, business, marketing and external consulting personnel to transition and enhance custom developed software up to 30 members at any given time
- Coordinated teams to deliver on leadership's strategic Business Intelligence (BI) objectives, including teams responsibility for BI, database administration, change management, and production job control
- Designed enterprise-wide DRM application for downstream reporting and planning as the central metadata hub
- Developed imports, blenders, and action scripts for DRM Inbound Interface to automate import data from external sources (SAP GL and Non-SAP GL sources)
- Setup User-defined Properties Rule for DRM Administrator to mirror security class in HFM, control intercompany relationships between account nodes in HFM, and enable security in FDM by location
- Created DRM Batch validations to return a listing of any members violating the validation's rules – ensured clean version and DRM Outbound to run successfully
- Collected monthly/quarterly/annual financial data submission and consolidation and allocation functional and technical processes to setup HFM and FDM for financial consolidation and reporting
- Slashed 70% in monthly performance reporting time and provided dashboards for driver-based planning by creating Hyperion Financial Reporting reports distributed to 60+ senior executives and trading members
- Created and maintained 70+ business rules and scripts
- Helped the implementation team in Metadata build, setting up HFM rules, validation rules, building member lists, shared services and application access process, and smart view reporting templates
- Developed reports using Hyperion Financial Reporting Studio and SQL batch scripts to produce exception reporting for Process Control and Promotion Control for audit purposes
- Designed and implemented Trading Finance Cube in Hyperion Essbase – increased worldwide members operation consolidation efficiency by 80%
- Composed and maintained data load batches to integrate trading transactions from market makers
- Created Financial Reports with traffic lighting for highlighting forecasting accuracy of the forecasting process
- Built up budget book for approvals by Finance top level management users using Financial Reports
- Designed Replicated and Transparent partitions from source to copy cubes to enable data flow into reporting cubes from the primary Planning & Forecasting cubes
- Tuned HFM and Hyperion Planning application by optimizing relational Oracle DB and Smart View registry parameters on client end – save query response times 90%
- Designed a prototype for the Budget Transaction application including metadata and data to incorporate Budget data posted through manual inputs into the primary Planning application
- Developed the entire Budget Transaction application including metadata and data to incorporate Budget data posted through manual input into the primary Planning application
- Developed 12 offline cost center budgeting templates in Excel using complex Smart View function, formulas and macros – saved $100K Hyperion licenses fee every year
- Built Workflow for planning approval process and locking data in Essbase once planning process is frozen

- Quantified risk control model for Tianjin Municipal Government Financial Services Office to acquire 25 futures and/or forwarding exchanges to comply with the new regulations
- Analyzed user requirements of gold spot market, cooperated with China Agricultural Bank to setup a Gold Trading Platform – increased physical settlement from 0 to 10kgs per day

ACCENTURE
Business Analyst

Ottawa, ON
2004 – 2005

- Designed $210M CRM system for Citizenship and Immigration Canada (CIC) to streamline the immigration process – integrated 17 isolated systems and deployed the system to 5,000 users
- Teamed with CIC senior management and ORACLE product managers to synthesize business requirements into functional and technical specifications
- Programed CIC reporting system using Siebel, Acctuate, and SQL language
- Developed various workflows and business services that authenticated and controlled users' abilities to perform specific roles in the immigration application processing using Siebel eScript
- Investigated Order performance problem, moved 20% of scripts to configuration, and communicated with business side to eliminate certain conditions – improved order query performance by 78% – 91%
- Designed EIM process to retire a product line from different warehouse, adjusted the inventory level automatically, and collected all the retired products to a virtual location
- Wrote SQL to support user-defined queries to retrieve misplaced software version number of certain assets and changed field service requests

SUNSHINE INTERNATIONAL CONSULTING
IT Consultant

Toronto, ON
2001 – 2004

- Defined the integration object for the course catalogue; used EAI MQSeries Transport to integrate the Siebel course data with IBM Learning Space
- Analyzed requirements and created 80+ Actuate reports including Master/Details and Group reports
- Developed Workflow Process to generate the Quotes for the Priceless Orders using VB Script
- Integrated Siebel application with WebSphere using EAI HTTP Transport and Servlet
- Created Virtual Business Components (VBCs) to integrate Siebel with legacy system through MQSerires

DOW JIN COMPUTER SYSTEM
Senior Developer

Guangzhou, China
1992 – 2001

- Designed and developed Dow Jin General Accounting System – gained more than 300 clients worldwide

EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT
MBA in Finance & MIS, GMAT: 740

Los Angeles, CA
June 2007

- Merit-based Anderson Fellowship (top 15%)
- UCLA Information System Associates Professional Network Executive Board

RYERSON UNIVERSITY
Master in Economics

Toronto, ON – 2005
June 2007

UNIVERSITY OF SCIENCE AND TECHNOLOGY OF CHINA (USTC)
BS, Information Management and Decision Science

Hefei, China
July 1992

- People's Scholarship (top 10% in the department), Best Journalist of USTC Newspaper

SIEBEL UNIVERSITY

- ORACLE Siebel 7.7 Certified Consultant
- ORACLE Siebel 6/2000 e-Business Essentials Certificate

Toronto, ON – 2005
Boston, MA – 2001