Nuttapong La-ongtup

Current residence country: THAILAND
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Career Objective

To pursue an interesting data science related work, which I could utilize my knowledge base, skills and experiences. Implementing a sustainable data-driven solution together with state-of-the-art technology, accomplish business challenges.

Knowledge Base and Skills

- Data Science, Essential Mathematical and Statistical knowledge
- Technical Specialties:
  - Machine Learning Specialties: Convolutional Neural Network (CNN), Long Short-term Memory Networks (LSTM)
  - Statistical Modeling: Logistic Regression, Multiple Regression, Principal Component Analysis
  - Typical Classification and Regression Modeling, K-means Clustering
- Programming Languages: Python, SQL, C++, UNIX shell
- Machine Learning Tools: TensorFlow, Scikit-learn, Chainer, NumPy, SciPy, Pandas, Matplotlib, QlikView etc.
- Web Application Development Tools: Django, JavaScript library e.g. jQuery, Chart.js, Plot.ly etc.

Work Experiences

Machine Learning Engineer | September 2021 – Present
- Company: AI and Robotics Ventures, a subsidiary of PTTEP
- Responsibility:
  - ML Research and Development
  - ML Systems Development and Deployment

Machine Learning Engineer | May 2021 – August 2021 (4 months)
- Company: mu Space and advanced technology, Bangkok, THAILAND
- Development Topics: Computer Vision, Autonomous Robot

Data Scientist | December 2017 – November 2020 (3 years)
- Institute: UACJ R&D Center, Nagoya, Aichi, JAPAN
- Research Section: Advanced Production Technology Research Section
- Job Description: Data Science / IoT-related Research and Development
- Responsibility:
  - Machine Learning Model Development
  - Business Intelligence (BI) System Development / Data Visualization
  - Web Application Development (Python-based Web Application)
- My Work Achievements:
  - Successfully developed a Python-based data analysis web application. The features of this web application include utilization of machine learning model for a prediction, visualization and optimization. The application featured interactive graphic user interface.

Research Intern | April 2014 – May 2014 (2 months)
- Institute: Nara Institute of Science and Technology - Ikoma, Nara, JAPAN
- University Internship Program Sponsored by Japan Student Services Organization (JASSO)
- Internship Subject: Computational Modeling of π-Conjugated Polymer

Educations

B.Eng. (Materials Engineering) | 2012 – 2015
- Institute: Kasetsart University
- GPA: 3.57 with 1st Class Honors

Licenses & certifications

- IBM Data Science Methodology | IBM (see credential)
- Perform Foundational Data, ML, and AI Tasks in Google Cloud | Google (see credential)
- Advanced Computer Vision with TensorFlow | DeepLearning.AI (see credential)

Languages

- Thai: Native Tongue
- English: Business Level, TOEIC test score: 940 | September 2020 (see credential)
- Japanese: Basic Conversation Level, JLPT-N3 Certification | December 2019 (see credential)

Activities

- The Sixth Thailand Olympiad in Informatics – TOI 2010 (3rd Round Computer Olympic Camp)
- Presentation at the 21st International Annual Symposium on Computational Science and Engineering (ANSCSE 2017)