

Nobutaka Kim

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Highlight:

Near 4.0 GPA so far at OMSCS in AI for robotics (autonomous vehicle), computational photography and graduate algorithms.

Python, C++ (Qt), C# (.NET), Java, PHP, JavaScript, HTML, CSS, C expert,

Implemented many research papers in computational photography in Python.

Web app developed with PHP, JS, HTML, CSS (Bootstrap), MySQL

Two web apps developed with Python, Plotly Dash, Flask, MongoDB, MySQL

Machine Learning and Data Science expert using Python, R, Keras, Pytorch, Tensorflow

CI/CD implemented with Docker, CircleCI, Heroku, Nginx, AWS, GCP, Azure

EDUCATION

Bachelor of Commerce (finance specialization)- University of British Columbia

Bachelor of Computer Science - Thompson Rivers University

Georgia Tech OMSCS student, current

Google Tech Support Fundamentals Certificate - Coursera

Deep Learning Nanodegree, Udacity.com

Certified General Accountants of Canada level 3

ACE (American Council on Exercise) Personal Trainer Certification

WORK EXPERIENCE

Freelance Developer and Translator

MYGENGO.COM et al

- Lead development of face detector and pixelation for videos in Python for a Japanese company.
- PM for financial software development for Japanese firm based in Thailand. Facilitated unit and integration testing for the project.
- Web development (Java Spring Boot) and Robotic Process Automation for Japanese firms in Thailand.
- translator and interpreter for SAP consultant on SAP ERP implementation project at Bosch Japan, wrote documentation for SAP processes.
- translator for global infrastructure project at Ricoh Japan writing documentation.
- Full stack web development in PHP, JavaScript, MySQL, No-SQL (MongoDB) and Python Flask, Plotly Dash.

- Successfully implemented reinforcement learning algorithms of VPG, A2C, DDPG, DQN and PPO in openai gym environments with Keras and Tensorflow.
- Implemented sequence-to-sequence NLP Simpson's script generator in Keras and Tensorflow.
- Implemented mini-flow, a simplified version of Tensorflow neural network graph.
- Developed a blockchain in Java and other cryptographic hashing algorithms in Python.
- Upgraded and re-installed Windows and Linux multiple times and expert trouble shooter.

Project Manager

KOEI CO., LTD., Yokohama, Japan

- Translated documents ranging from press releases, official correspondence, game review articles, internal memos, minutes from high level meetings, etc.
- Translated character descriptions, edited the English language script for Kessen
- Acted as an advisor to the General Producer on voice casting selections for English version of games.
- Voice acted for a game
- Performed general duties related to the release of upcoming game titles
- Performed general duties related to the localization of overseas games distributed by Koei in Japan.

Associate Accountant

PRICEWATERHOUSE COOPERS, Los Angeles, USA

- Audited various businesses in a wide range of industries such as manufacturing, wholesale distributions, high tech, real estate, food, retail, and financial services.
- Assisted the in-charge senior accountant in auditing planning and obtained information to perform certain analysis and audit procedures on specific account balances included in the company's financial statements.
- Responsible for establishing a good working relationship with the company's accounting staff to promote PWC businesses and to create new business opportunities for the firm.

LANGUAGES

- Native speaker of English and fluent in Japanese. Intermediate Korean. Beginner Mandarin skills.

ACTIVITIES

Founder institute technology entrepreneur.

Volunteered for the David Suzuki Foundation, Salvation Army and various other organizations.