

TOMOHIRO FURUTA

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SUMMARY

Seeking a challenging position of blockchain or AI developer, which will require me to develop smart contracts or machine learning models, frontend and backend systems, streamlining the development environment and building DevOps system skills in order to maximize output.

I am a full-stack developer and server-side expert with 10+ years of experience in Japan, with a proven track record for delivering responsive web applications with cross-functional teams. I have PHP, C#, JavaScript and Solidity skills with a strong grasp of software engineering methodologies such as code-reusability, modularity, and scalability. I also have experience in working with continuous integration frameworks.

SKILLS

MACHINE LEARNING: Python, TensorFlow, Luigi, Pandas, Dask, Scikit-learn, Keras, BERT, JupyterNotebook, Google Colab, Deep Learning, NLP, Flask

WEB DEVELOPMENT: PHP, CakePHP, Laravel, HTML5, CSS3, JavaScript, jQuery, Vue.js, React, SQL, MySQL, AWS, GCP, Git, CI

BLOCKCHAIN: Solidity, Ganache, Truffle

EMPLOYMENT

Loco Partners Inc., CTO / Manager, Tokyo, Japan

June 2014 - Jan. 2019

They offer accommodation reservation site "Relux" (<https://rlx.jp/>). I joined as a CTO and started the job in 5 people team. As responsible in the technical department, I contributed to recruitment and management for organization creation (from 5 to 25 developers) while in charge of the development team, and also I developed as a frontend and backend engineer. I engaged in some projects such as multilingual support, APIs for business partners and searching with free words.

AMBICATE Inc., Director, Tokyo, Japan

Sept. 2010 - June 2014

It is a venture company that operates call centers. I was the only engineer in my company. I created customer management systems for the call center with C#. I designed and developed everything from screen UI design to DB design. I was also involved in recruiting new graduates and made and operated all the processes such as briefing sessions, facilitation, and interviews.

Amano, Software Engineer, Yokohama, Kanagawa, Japan

Apr. 2008 - Aug. 2010

I engaged in the development of a parking lot management system in design, development, testing, introduction, and technical support with using C# and Visual Studio. I was entrusted with a team as a leader in the second year.

EDUCATION

George Brown College

Sept. 2019 - Current

George Brown College Certificate Blockchain Development 2020

The program to learn skills and knowledge about blockchain technology such as decentralized architecture, solidity and developing Dapp with react.

Springboard

May 2019 - Nov. 2019

Certification Machine Learning Engineering Career Track 2019

6-month intensive course in artificial intelligence and machine learning technologies and methods.

Keio University

Apr. 2001 - Mar. 2008

Bachelor of Science - BS Applied Physics and Physico-Informatics 2008

PROJECTS

Springboard Machine Learning Engineering Career Track, Certification

May 2019 - Dec. 2019

400+ hours of hands-on course material, with 1:1 industry expert mentor oversight, and completion of 1 in-depth capstone project. Mastered skills in the machine learning stack, including data wrangling at scale, deep learning, and building and deploying large-scale AI systems.

Project

Airbnb listing price prediction in Tokyo

Blog

- About project design: https://medium.com/@tom_furu/56eede1aa486
- Data wrangling: https://medium.com/@tom_furu/46d279f1abbb
- Machine learning: https://medium.com/@tom_furu/33139b3eda23
- Deep learning: https://medium.com/@tom_furu/c9bbd0efc9ef
- NLP with BERT: https://medium.com/@tom_furu/1f6e0e9a8b7d

GitHub

https://github.com/furuta/springboard_capstone_gradient

AWARDS

A silver medal of 2019 Data Science Bowl competition in Kaggle

Jan. 2020