

YUMA UCHIUMI

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OBJECTIVE

Seeking a software engineer position which utilizes the skills and knowledge on data mining and statistical analysis. Furthermore, I want to make use of my expertise to solve problems and produce results that contribute to the business goals of the company.

QUALIFICATION

- Basic education in each field of modern Computer Science.
- More than 2 years of study experience in Mathematical Statistics.
- Acquired Grade 1, Applied statistics, Japan Statistical Society Certificate in 2018.
- Experience in the analysis of Images, natural languages, time series data, and tabular data.
- Advanced user of Python and its basic libraries for ML such as Numpy, SciPy, Pandas, Sklearn XGBoost, Lgbm, Tensorflow, Keras, Pytorch, Gym, Matplotlib, and Seaborn.
- Programming languages which I can use are Python, Ruby, PHP, SQL, R, C, Java, Lisp, HTML, CSS, Javascript. Also, I have development experience using modern web frameworks; Ruby on Rails, Vue.js, Node.js.
- Familiar with DevOps tools (Git, Docker) and cloud platforms (Ex. AWS EC2, S3, Lambda, Amplify, Sagemaker. GCP ComputeEngine, CloudStrage, App Script, BigQuery, Airflow)
- Cross-platform expertise (Ubuntu/RHEL/macOS/Windows).

WORK EXPERIENCE

- Summer Internship, Yahoo Japan Co., Ltd. (Sep. 2020 – Oct. 2020)

I worked in bigdata analysis at the Development Division of the Finance Office Headquarters. I conducted an association analysis on log data on the Web and proposed some marketing measures.

- Data Engineer Internship, DATAWISE, inc. (Apr. 2020 – Present)

I've been working on analyzing the GPS data of mobile phone users. Specifically, I'm working on improving the algorithm that estimates the total population from location data of NTT docomo users, crawling and batch processing public data, and building backend apps on GCP.

- R&D Internship, ARAYA, inc. (Jul. 2018 – Mar. 2020)

I was engaged in the R&D project for the computational cost of the Deep Neural Nets.

I've surveyed related papers and conducted some PoC implementations and experiments on it.

- Web Engineer Internship, PASTURE, INC. (Jul. 2017 – Mar. 2018)

I worked as the backend web engineer and developed the batch processing system of API for the analysis and the marketing support for Instagram accounts.

EDUCATION

- BSc in Computer Science (Apr. 2016 – Mar. 2020)

Department of Information & Computer Science, Faculty of Science and Technology, Keio University, Tokyo, Japan.

- MSc in Computer Science (Apr. 2020 – Mar. 2022)

Center for Information & Computer Science, School of Science for Open and Environmental Systems, Graduate School of Science and Technology, Keio University, Tokyo, Japan.

SOCIAL LINKS

- GitHub: <https://github.com/yumalooop>
- LinkedIn: <https://www.linkedin.com/in/yuma-uchiumi-699398151/>