Ramin Khatami
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Summary

- Ph.D. candidate in Interdisciplinary Engineering, strong communication skills in interaction with people from various technical backgrounds.
- Great adaptability and flexibility in a cross-cultural and fast-paced working environment with well-developed teamwork skills and presentation skills gained through projects in industry and research at university.
- Passionate self-learner with good knowledge of math, statistical inference, information retrieval and Language Processing.
- Competent R, Python, C/C++ language skills and strong algorithms skills with special expertise in their usage in data modeling, machine learning, data analysis and text mining.

Education

The University of Tokyo, Graduate School of Engineering — Tokyo, JP
Ph.D. candidate of International Interdisciplinary Studies, Japan society for the promotion of science research fellow — Apr 2015-present

Gunma University, Graduate School of Engineering, GPA 3.8/4 — Gunma, JP
Master of Electronic Information and Mathematics Engineering, won a highly competitive research grant from Japan Science and Technology Agency (JST); among top 10% of outstanding JST research projects in the year 2014 — Apr 2013-Mar 2015

Gunma University, School of Engineering, GPA 3.64/4 — Gunma, JP
B.S. in Electrical Engineering, among top 20% student in the department participated in a teamwork project and published our result in IEEE int. conference in Anaheim-CA. — Apr 2011-Mar 2011

Leadership and Teamwork Experience

Research Advisor — Apr 2015- Present
SELCGROUP. Corporation.
- Designed a AI tools for analysis of financial products and collected corporate credit survey data
- Reviewed and audited required data including questionnaires for citizens and government officials of Voronezh city-Russia for assessment of train transportation oriented urban development.
- Did exploratory data analysis and summarized the findings in a comprehensive report for Japan's ministry of Land, Infrastructure, Transport and Tourism.
- Planned and developed topic categorization tools for textual documents in Japan National Police Agency (NPA) collaborative platform

(*Project Based-Part Time)* **IT Specialist** — Ginza, Tokyo
Global Communications Group Inc. — Apr 2015- Present
- Originally a developer involved in the development of the company online learning platform
- Suggested and participated in development of a API based system service for connecting to other online learning platforms which currently holds the larger share of the company revenues.
- As IT specialist participates in hearings with potential customers, examine their needs and explore with them potential solutions our company system can offer,
- Provide technical solution requirements reports by consulting with IT department's members for managerial decision making.

(Research Intern) **Data Scientis*t*** — Azabudai, Tokyo
MC DATA PLUS (Mitsubishi Corporation Subsidiary) — Nov 2016- Jan 2017
- Constructed a designing strategy in modeling a system for detection of abnormality in hierarchical subcontractor pattern of the company's clients.
- Cleansed the data and regularized the modeling algorithms to tune up the accuracy of the system.
- Evaluated the result and presented the finding to the company as a comprehensive report

Research

4/2015 - present — **Evaluation of Crowdfunding Campaigns' Success Chance Estimation** — Ph.D. Project @The University of Tokyo
- Formulating a project success chance prediction as a survival analysis problem
- Analyzing project success and failure trends in time using comprehensive data of 32K Indiegogo project's (a popular crowdfunding platform)
- Provide a rigorous analytical tool to illustrate meaningful insight hidden in data based on sets of relevant features
- proving that by adding topical and temporal features one can estimate a project's success chance in their early stages.

4/2011 - 3/2015 — **Noise Reduction Algorithm** — B.E. & M.E. project @Gunma University
- Regulated Clock Generator's noise with an empirical noise generation technique which produced 100 times less Electromagnetic Interference (EMI) and completely removed it in certain configurable bands with exhaustive reconstruction and majority voting.
- Theorized the mathematical logic behind the findings and created a flowchart for the algorithm
- Defined the mathematical formulas for calculation of no-noise configurable bands

Skills & Interests

Languages: highly fluent in both Japanese & English (N1 certified in Japanese-965 in TOIEC), native speaker of Persian
Computer: Proficient in R, Python, C/C++, SQL, well familiar with machine learning software libraries such as Tensorflow, Scikit-Learn & inferential statistic tools such as Stan, hobbyist web developer (JavaScript, CSS, HTML)
Hobbies: Teaching, traveling, board games, cooking