Daisuke Sonoda

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SUMMARY

10+ years of experience in development of web reservation system and project management.
1 years of experience in development of data analysis & visualization application & recommendation engine by machine learning.

SKILLS

Web development: Python / Django / PHP / CakePHP / ZendFramework / MySQL / PostgreSQL / SQL Server / Java / HTML / CSS / JavaScript / jQuery / Bootstrap / D3.js / AWS / Ansible
Data analysis: Machine learning (Supervised learning) / Data visualization
Project management: Requirement definition / Database design / Coding / Testing / Operation / Maintenance
Hardware and IOT: Raspberry Pi / Arduino / Processing

EXPERIENCE & ACCOMPLISHMENTS

Main Works:

Web application having recommender system for real estate   October 2017 – Present

Summary: Developed the system that recommends and displays serendipity real estate information to users, using user tracking data and site cookie. Generated data for machine learning using the probability distribution, since there was not enough data.

Role: Project Leader / Project management / Programmer

Project scale: 1 manager and 2 developers.

Technology Used: Python / Django / PostgreSQL / JavaScript / jQuery / Bootstrap / AWS / Ansible

Web application for medical product sales support through data analysis   June 2017 – July 2017

Summary: Prototyped the system supporting medical product sellers through data analysis. Visualized characteristics of Japanese local area by many kinds of graphs: scatter plot, bar chart, map chart.

Role: Project Leader / Project management / Programmer

Project scale: 1 manager and 2 developers.

Technology Used: Python / Django / PostgreSQL / JavaScript / D3.js / Bootstrap / AWS / Ansible / HTML / CSS

Web reservation application for new graduate job interview   April 2017 – February 2018

Summary: Developed a web reservation application for grad hiring and integrated with existing in-house system developed by using SalesForce. The system had more than 60,000 users.
Role: Project Leader / Project management / Programmer

Project scale: 3 developers.

Technology Used: PHP / ZendFramework / PostgreSQL / JavaScript / jQuery

Web application that manages book meta information   November 2016 – February 2017

Summary: Developed a system for managing irregular book data in a unified format.
Role: Project Leader / Project management / Programmer
Project scale: 2 developers.
Technology Used: PHP / CakePHP / MySQL / JavaScript / jQuery

Information display management function of credit company website   April 2016 – May 2016

Summary: Developed a function to control the display of data on the top page of a major Japanese credit company. In order to minimize the influence on the server side implementation of the existing system, implemented it all with JavaScript.
Role: Project Leader / Project management / Programmer
Project scale: 2 developers.
Technology Used: JavaScript / jQuery

API of packaging system for inventory control of apparel logistics   November 2015 – February 2016

Summary: Replaced data processing between processes that manage each process from manufacture to shipment of apparel products from processing using files to processing using API.
Role: Programmer
Project scale: 1 manager and 3 developers.
Technology Used: PHP / PostgreSQL

Web reservation system for conference rooms   November 2014 – March 2015

Summary: Developed the web reservation system that can manage various complex reservations such as reserve one conference room divided into multiple rooms.
Role: Project Leader / Project management / Programmer
Project scale: 1 manager and 5 developers.
Technology Used: PHP / ZendFramework / SQL Server / JavaScript / jQuery / LDAP authentication login

Web reservation system for sports gym   September 2013 – October 2013

Summary: Developed web reservation system for gym facilities and lessons. Automated the lottery process which had previously been manually registered for winning.
Role: Project Leader / Project management / Programmer
Project scale: 4 developers.
Technology Used: PHP / ZendFramework / PostgreSQL / JavaScript / jQuery

Web content management and settlement system   April 2013 – August 2013

Summary: Developed content and settlement management system of a national singer unit in Japan.
Role: Programmer
Project scale: 4 developers.
Technology Used: PHP / PostgreSQL / JavaScript / jQuery / GMO PAYMENT GATEWAY

Portal web application for the biggest Japanese road service company   December 2008 – April 2009

Summary: I joined the team. We are developing a real-estate related recommendation engine.
Role: Programmer
Project scale: 4 developers.
Technology Used: PHP / PostgreSQL / JavaScript / jQuery

ACTIVITY

AI Accelerator Program: kansAI0.6   Aplil 2018 – Present

Summary: Developed a system that posts preferential information for members.
Role: Programmer
Project scale: 4 developers.
Technology Used: PHP / PostgreSQL / JavaScript / jQuery
Technology Used: Python / Django / PostgreSQL / JavaScript / jQuery / Bootstrap / AWS / Ansible

Presentation on machine learning application case study   October / 27 / 2017

Summary: Developed a system that posts preferential information for members.
Place: Ward office of Toshima-ku, Japan
Document: "A method of increasing profit by displaying recommended product information for access user without user registration"

BELONGING

Inter Quest Inc., Tokyo, Japan, January 2008 – May 2018, Software Engineer

EDUCATION

Tama Art University, Tokyo, Japan. Bachelor of Arts, March, 2004