Minsung Kim

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Education

The University of Edinburgh, Scotland   Master of Informatics   May 2023

- Developed a drone path Java program to solve the Travelling Salesman Problem using the A* algorithm
- Designed a gardening robot picking up pinecones by using machine learning based computer vision
- Made a search engine using Flask, MongoDB, and Python
- Built several statistical models such as random walk and Bayesian using R
- Made an action recognition model and created statistical reports for elders with motor problems using PyTorch and Google Cloud

Experience

Kim&Co, Suwon, South Korea   Property Manager   September 2023-April 2024

- Implemented a rental management system for landlords. The system sends notifications to landlords and tenants (when available) about upcoming rent due dates and payment confirmations. It uses a three-color system to indicate payment status: green for paid, yellow for unpaid with three days left before the due date, and red for overdue.
- Developed a tenants database using Django, effectively managing tenant information, maintenance requests, and repair tasks.

Kim&Co, Suwon, South Korea   Accounts Assistant   March 2018-August 2018

- Maintained financial records, including recording transactions, updating ledgers, and ensuring accuracy in financial data
- Prepared financial statements, reports, and summaries to present to senior accountants or management
- Helped gather and organize financial documentation, ensuring everything is ready for the audit process

Skills

Applications: Java, Python, PyTorch, Google Cloud, HTML, CSS, JavaScript, SQL
Languages: English, Korean

Awards/Activities

The best AI award from Amazon in System Design Project   April 2021