

Keisuke Miyata

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EDUCATION

Bachelor of Science in Computer Science

(Expected: January 2026)

University of Debrecen – Debrecen, Hungary

RELATED COURSES

Data Structures and Algorithms, High-Level Programming I-III, Discrete Math, Calculus, Applied Statistics, Foundations of Computer Security, Introduction to Computer Science, Foundations of AI, Operating Systems, Logic in Computer Science.

CERTIFICATES

- AZ-900, SC-900, DP-900

Full badge list: <https://www.credly.com/users/keisuke-miyata.ba4b6625>

PROJECTS

Real Estate Web Application

October 2024 - March 2025

Technologies used: TypeScript, React, TailwindCSS, MongoDB, Express.js, Auth0

- Built a peer-to-peer platform for searching accommodations, flatmates and item sales.
- Designed the frontend using React and TailwindCSS for seamless user experience.
- GitHub repository: <https://github.com/Keisuke-Miyata/RealEstate>

Flower102 Image Classifier

March 2025

Technologies used: Python, PyTorch

- Conducted model experiments on a small subset (3 flower classes) to compare architectures such as ResNet, ViT, and EfficientNet.
- Built an image classification model using EfficientNet_B2 to classify 102 flower species from the Flower-102 dataset.
- Implemented model training, evaluation, and data augmentation techniques to improve classification accuracy.
- GitHub repository: https://github.com/Keisuke-Miyata/Flower102_Classification

Personal Portfolio Website

March 2025

Technologies used: TypeScript, Next.js, Sass

- Developed a responsive and interactive personal portfolio website to showcase skills and projects.
- Employed modern design principles and optimized performance for fast loading times.
- GitHub repository: https://github.com/Keisuke-Miyata/Portfolio_v3

SKILLS

Programming: Python, JavaScript, TypeScript, Java

Web Development: HTML/CSS, Node.js, React.js, Next.js, Bootstrap.

Database: MongoDB

Prior Experience: C#, C, FastAPI, Flask, MySQL

Tools: Git, GitHub

Languages: English (B2), Japanese (Native)