

MIKIO NAKATA

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TECHNOLOGY SKILLS

Programming Languages:

Python 3 (1.5 years), Swift (1 year), Javascript (0.5 year), HTML/CSS (0.5 year)

Databases:

Firebase/Firestore

IDE/Design Tools:

XCode, PyCharm, Sublime Text, VSCode, Sketch.

Technologies/Frameworks/Libraries:

Git/Github, Cocoapods, REST API & JSON, MVC design pattern.

Flask web development framework.

Numpy and Pandas (school).

Skills:

iOS development, web development, algorithms.

SOFTWARE PROJECTS

Github: <https://github.com/mikio1998>

FlashCard memory app (Swift, iOS) (2020)

- Developed an app designed to improve memory retention using a flashcard design, inspired by Ebbinghaus' Forgetting Curve.
- Dynamic flashcards that algorithmically optimizes card order for memorization to the user, every time a card is answered correctly or incorrectly.
- Implemented Firestore for users to customize card sets and organize them into categories.

Sales Tracker app (Swift, iOS) (2019)

- Developed an app that assists staff in a clothing store in Tokyo, by recording and storing sales history and fetching product information from Firestore by scanning a barcode.
- Integrated AVFoundation library to identify products by reading the barcode.
- Used Firestore to store product data and sales history of the store.

Nutrition Tracker app (Swift, iOS) (2019)

- Created an application using Swift that allows users to record daily nutrition intake. Users can view saved food options on UI. Data stored on Firestore.

EDUCATION

Keio University, Tokyo, Japan

Bachelor of Arts in Economics: PEARL Programme

June 2022

[Relevant Studies]

- **Probability and Statistics B**
 - Used Numpy and Pandas Python frameworks to analyse and display historical financial data
- **Information Processing 2**
 - Used Python 3 in mathematical analysis of economic data.

The American School in Japan, Tokyo, Japan

June 2017

High School Diploma

The British School in Tokyo, Tokyo, Japan

June 2007

TOEFL – 110 ACT – 31 SAT - 1390/1600

Languages: **English** (native), **Japanese** (native), **Spanish** (beginner)

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ADDITIONAL EDUCATION

Code Chrysalis, Tokyo, Japan

Foundations Course

- Constructed a personal website using HTML, CSS, and JavaScript
- Created APIs to organize and retrieve data about Pokemon and Nobel Prize winners.
- Created a random color picker to practice DOM manipulation.

PROFESSIONAL EXPERIENCE

Code Chrysalis, Internship Tokyo, Japan

Oct, 2019

- Organized technology related events, such as algorithm study sessions and meetups for topics including machine learning and software engineering.
- Marketed Software Engineering bootcamp and coding courses.

- Feb, 2020

7-11 Cashier, Yokohama, Japan

Aug 2018- April 2019

American School in Japan, Summer Camp, Activity Coordinator, Tokyo, Japan

June – July

- Responsible for planning and coordination of various activities for campers.

2017

Refugee International Japan (RIJ), Volunteer, Tokyo, Japan

Sept 2016

- Assisted research on the Syrian refugee crisis.
- Launched fundraising efforts and awareness events in schools in Tokyo.

-June 2017

HOBBIES

Programming: iOS development, Algorithm problem solving (leetcode.com challenges), web development.

Other Interests: Business side of Software development, fintech, food, basketball, traveling.