

TADA TOTA

TAuTo13@github.com

LANGUAGES AND TECHNOLOGIES

- **Languages:**Familiar with Java, C, .NET C#, Python; previously used C++, SQL; experienced with Swift, node.js, GAS, MATLAB;
- **Technologies:**Familiar with Visual Studio, Numpy, previously used Android Studio, postgresSQL; experienced with XCode, github;

EDUCATION

Hachioji,Tokyo **National Institute of Technology,College Tokyo** **April 2016 – March 2021**

- A.D Computer Science
- Coursework: Computer Systems; Programming Language I,II; Algorithms and Data Structures I,II; Computer System Design; Computer System Programming; System Programming; Advanced Information Processing I,II; Computer Mathematics.
- Cumulative GPA:3.5/4.0

Toyohashi,Aichi **Toyohashi University of Technology** **April 2021 – March 2023**

- B.D Computer Science and Engineering
- Coursework: Computer Programming I(C),II(Java),III(Java,Design Pattern); Algorithms and Data Structures; Databases; Operating Systems; Formal Language Theory; Probability and Statistics; Laboratory Experiments on Computer Science and Engineering; Information Networks; Discrete Mathematics; Numerical Analysis; Software Design Methodology; Multivariate Analysis; Compiler.
- Cumulative GPA:2.78/4.0;Major GPA:3.0/4.0

Toyohashi,Aichi **Toyohashi University of Technology** **April 2023 – March 2025**

- M.D Computer Science and Engineering

WORK EXPERIENCE

Parttime Engineering Staff **MapQuest Co.,Ltd.** **May 2021 –**

- Created experiment App for .NET MAUI in **.NET C#**.Drew map from kml data using MAUI SkiaSharp drawing method.
- Created RESTful API on two different methods **Azure Functions** and **ASP .NET Core**.Queries geometry data from **postgresSQL**. Also build WebApp designed by **HTML,CSS**, presented geometry points obtained from API using MapBox.
- Update GIS product written in **.NET C#** rendering system from System.Drawing to .NET MAUI and succeeded in rendering imported kml map data.
- Created Windows App in **.NET C#** draws map elevation heat map from GML map data. Reduced drawing time taking dynamic programming approach.
- Created RESTful API for mobile phone app reserving parking lots space using **ASP .NET Core,postgresSQL**. Handled CRUD 5 relational tables. Wrote unit test code for all endpoints.

TECHNICAL EXPERIENCE

Individual Projects

- **School Class Schedule APP** (2023)| **Swift** Developped iOS app Organise school class schedule. Save subjects' schedule Data using **Realm**.