

Billy (Jeongbin) Lee

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EDUCATION

Dickinson College

Bachelor of Science, Computer Science

Carlisle, PA, U.S.

Expected May 2023

Relevant Courses: Analysis of Algorithms, Data Structure and Algorithms, Computing Abstractions, Operation Research, Computability and Complexity, Tools and Techniques for Software Development, Principle of Object-Oriented Design, Large-scale and Open-Source Software Development

- **Founders Scholarship:** Merit-based scholarship
- **Dean's List:** Spring 2021

EXPERIENCES

Tsubaiso

Web Developer Intern (Ruby, Ruby on Rails)

Tokyo, Japan

June 2021 – Present

- Create and modify Ruby and YAML scripts to generate Swagger documentation for Tsubaiso Ruby on Rails API on Apipie.
- Refactor and modularize the source code of Tsubaiso ERP to improve code's readability and functionality by 30%.
- Fix defects for new versions of Tsubaiso ERP and PSA with a 5-member team using Ruby on Rails, such as inaccurate alignment of numbers in financial ledgers output in the front-end or false ordering of payment schedule lists.

PROJECTS

Personal Portfolio Website (CSS, HTML, JavaScript) [<https://github.com/miyu386/miyu386.github.io>]

- My personal portfolio website, created using CSS, HTML, JavaScript, and external libraries such as Font Awesome toolkit

Covid Tracker App (Swift) [<https://github.com/miyu386/Covid19TrackingApp>]

- A basic COVID-19 data tracking iOS application implemented using Swift and XCode 13
- Enabled data filtering by U.S. states as well as representation of data in charts using iOS Charts library

FarmData2 (HTML, JavaScript, Vue.js) [<https://github.com/DickinsonCollege/FarmData2>]/[[commit link](#)]

- Implemented front-end services that enable logging crops and livestock data with HTML, CSS, JavaScript, Vue.js
- Conducted product planning to implement new functionality to the project based on requests from Dickinson College farm
- Enabled data filtering and ordering to provide easier data access for farmers
- Tested the farmOS API and identified potential poor API design

Coding Projects (Java, Ruby) [<https://github.com/miyu386/Coding-Problems-Challenges>]

- A compilation of coding projects: Ferry Boat (Java), Mean/Range Finder (Java), Shapes (Java), Word Analyzer (Java) and answers to some Leetcode questions (Ruby)

CERTIFICATE

JP Morgan Chase Software Engineering Virtual Experience (Python, React)

- Fixed broken client-side application that receives data from the server application to allow automatic update of the graph
- Generated a live graph that clearly indicates upper/lower bounds as well as ratio between two stocks observed to better illustrate opportunities for traders

Electronic Arts Software Engineering Virtual Experience (Python)

- Built a new game Vax-Man through modification of open-source Python Pac-Man implementation
- Implemented the game through Unreal Engine

LANGUAGES & TECHNOLOGIES

Programming Languages: Java, Python, HTML, CSS, JavaScript, Ruby, C++, SQL

Framework/Tool: Docker, Git, React, Vue.js, VirtualBox

Language Proficiencies: English, Japanese, Chinese, Korean