

# Ize Imai

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Portfolio: [izeimai.github.io/Portfolio/](https://izeimai.github.io/Portfolio/)

Full Stack Web Developer with a scientific background seeking work experience in the tech industry. Specialized in project management for biomedical research and data science using R and Python scripts.

*Technical Skills:* JavaScript, HTML5/CSS3, Bootstrap, jQuery, Express.js, React.js, Node.js, Bookshelf.js, MongoDB, MySQL, Git/GitHub, Slack, R, RStudio, Python, Smartling, Atlassian Jira, Confluence, JMP, FlowJo, ArcGIS, Microsoft Office Suite (Word, Excel, PowerPoint), Adobe Photoshop, Bridge and Illustrator

## APPLICATIONS BUILT

### Study Buddy

Display locations of online students to help find each other and study together at nearby cafes

- Firebase realtime database, TomTom Map SDK, Leaflet.js, Moment.js, Geocodio and Yelp API
- Group project with team of four, focused on back-end development
- <https://github.com/izeimai/Project-One>

### LIRI Node

Command-line Node application using entertainment-themed APIs for song, movie, and concert information

- Node.js, npm, OMDb, Bands In Town, Spotify APIs
- <https://github.com/izeimai/liri-node-app>

## WORK EXPERIENCE

### University of Pennsylvania, Philadelphia, PA

*Laboratory Manager*, September 2013 - Present

Supervised full-time technicians for patient sample collection, processing and storage management. Trained students and visiting scholars with DNA sequencing and bioinformatics pipeline using QIIME and Rstudio.

### The Meet Group, New Hope, PA

*English-Japanese Translator*, January - July 2013

Quality control for MeetMe social media website, email and mobile app content (iOS and Android)

- Translated 11,000+ words and phrases from English to Japanese
- Submitted tickets and test cases for developers on improving usability and solve indentation issues
- Researched social media websites to incorporate popular vernacular used by competitor websites

## EDUCATION

### University of Pennsylvania, Philadelphia, PA

*Full Stack Web Development Bootcamp*

24-week coding boot camp dedicated to designing and building web applications

### Cornell University, Ithaca, NY

*Master of Science, Plant Breeding and Genetics*

### Macalester College, St. Paul, MN

*Bachelor of Science, Biology*