

# Ize Imai

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GitHub: [github.com/izeimai](https://github.com/izeimai) | LinkedIn: <https://www.linkedin.com/in/izeimai>

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

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

*Technical Skills:* Java, JavaScript, HTML5/CSS3, Bootstrap, jQuery, Express.js, React.js, Node.js, Bookshelf.js, MySQL, MongoDB, 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

### MySquence Yoga app

React CRUD fitness app with interactive instruction and sequence designer customized for yogi/student tiers

- MongoDB, Express, React and Node.js, Materialize UI library
- Group project team of six, focused on front-end logic and on-click functions
- <https://github.com/izeimai/MySquence>

### Study Buddy

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

- Back-end development with Firebase, TomTom SDK, Leaflet.js, Moment.js, Geocodio and Yelp APIs
- <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

### Diversant, Philadelphia, PA

*Computer Consultant*, May 2019 - Present

- 6-month contract-to-hire appointment to PennMedicine, University of Pennsylvania Health System
- Interfaced with clients to understand how they manage samples and record data in laboratory settings
- Customized LIMS system (LabVantage) with Java, JS and SQL queries to store and transfer client data

### University of Pennsylvania, Philadelphia, PA

*Laboratory Manager*, September 2013 - April 2019

- Supervised full-time technicians for patient sample collection, processing and storage management
- Trained students and scholars with DNA sequencing bioinformatics pipeline using QIIME and Rstudio
- Generated publication-ready figures and statistical analysis for peer-reviewed journal submission

### 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 through researching competitors
- Submitted JIRA tickets and testing for developers on improving usability and solving size limitations

## 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*

Thesis: Development of Introgression Lines and Validation of Quantitative Trait Loci (QTL) Conferring Transgressive Variation for Yield in Rice

**Macalester College**, St. Paul, MN

*Bachelor of Science, Biology*