

Ize Imai

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

Technical Skills: Java, JavaScript, HTML/CSS, Bootstrap, jQuery, React, Node.js, MySQL, Oracle, MongoDB, Git/GitHub/GitLab, Atlassian Jira, Confluence, Jama, Slack, R/RStudio, Python, Smartling, FlowJo, ArcGIS, Microsoft Office Suite (Word, Excel, PowerPoint), Adobe Photoshop, Bridge and Illustrator

WORK EXPERIENCE

Natera, Remote

Software Engineer 3, March 2022 - Present

- Customized third-party LIMS system, LabVantage, with Java, JS and SQL queries for Biobanking and Production support of Women's and Organ Health products with team across multiple time zones
- Generated software documentation for CLIA-accredited laboratory

PennMedicine (University of Pennsylvania Health System), Philadelphia, PA

Application Analyst, October 2019 - March 2022

- Refactored legacy code for compatibility between multiple lab workflows to store and transfer data
- Interfaced with clients to understand sample management and data storage in clinical research settings

Diversant, Philadelphia, PA

Computer Consultant, May 2019 - October 2019

- 6-month contract-to-hire appointment to PennMedicine (University of Pennsylvania Health System)
- Assisted project lead with importing 20 new studies to LabVantage system for Cancer Research Center

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

24-week evening and weekend classes dedicated to designing and building web applications

Full Stack Web Development Bootcamp

Cornell University, Ithaca, NY

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

Master of Science, Plant Breeding and Genetics

Macalester College, St. Paul, MN

Bachelor of Science, Biology