

Daniel Ichiyama

Software Engineer

Detail-Oriented Developer with Project Management and Graphic Design Experience

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TECHNICAL SKILLS

WEB TECH & FRAMEWORKS

HTML5, CSS3, SASS, ReactJS, React-redux, GatsbyJS

SCRIPTS/UIS

JavaScript, Service workers

DATABASES & ORMs

PostgreSQL, Redis, Knex.js, Bookshelf.js

WEB DEBUG TOOLS

Chrome developer tools

APPLICATION/WEB SERVER

Node.js, Express.js, Lambda

VERSIONING/TESTING

JEST, Git, GitHub, Mocha, Chai

DEPLOYMENT TOOLS

Docker, AWS, S3, EC2, Route53, CloudFront

EDUCATION

JavaScript Web Engineer

DevLeague 06/2019 - 12/2019

600+ hours of full-stack JavaScript lectures, assignments and projects.

B.A. Film Production

Emerson College 2011

FREELANCE WORK

Lindaichiyama.com

Stack: GatsbyJS, AWS API Gateway, Lambda, S3, Cloudfront, Git/GitHub

A static website to promote a local politician's re-election campaign, with a responsive design and serverless backend to handle form submissions.

PROJECTS

Above-Curve (under development)

Frontend Developer

A web app where users can create charts and visualizations that aggregate Covid-19 and other socio-economic datasets.

Stack: React, React-redux, JEST, React-testing-library, Git/GitHub

- **Implements AGILE methodologies**, including users stories that guide development of the most important features
- **Reviews collaborator's code** and offers feedback on writing integration tests and refactoring code for better scalability

FitWorks.app

github.com/danieltichiyama/exercise-app

Project Manager/UI-UX Team

A full stack diet/fitness mobile web app, built as the final project for DevLeague.

Stack: PostgreSQL, Express.js, Bookshelf.js, React-Redux, ReactJS, Docker, AWS, Git/GitHub

- **Spearheaded a team of 5 developers**, leading discussions on version control, code reviews, and guiding development to meet strict deadlines
- **Developed a service worker** using the Google's workbox library, improving data retrieval response time and interceding low-bandwidth issues
- **Convened weekly meetings** to design a friendly, unintimidating user experience, informed by research on apps currently on the market

Kanban.danielichiyama.com

github.com/danieltichiyama/react-kanban

Developer

A full stack project management web app, designed to mimic a popular web app.

Stack: PostgreSQL, Express.js, Bookshelf.js, React-Redux, ReactJS, Docker, AWS, Git/GitHub

- **Built a sophisticated server route** that generates a tutorial for new users
- **Devised an algorithm to save card order**, reducing database queries by 66%

WORK EXPERIENCE

Teacher's Assistant

05/2020 - Present

TrilogyEd/2U, Inc. (Online Full-stack Web Engineer Bootcamp)

- **Helps students** troubleshoot errors and understand programming concepts
- **Maintains individual office hours** to provide students with help outside of class and answer questions about weekly programming challenges

Translator-Letterer

05/2018 - Present

YKS Services

- **Automates the process for project start and finish**, cutting 2-hours of overhead and increasing monthly workload from 15% to 30% of projects
- **Establishes project timelines and works independently** to meet various deadlines each month, with a 100% on-time completion rate

OTHER SKILLS

Responsive Design,
Algorithms and
Data-structures, OOP, MVC
design pattern, UMLs and
ERDs

Project Management, Code
Optimization, AGILE
methodology, REST API

Public speaking, Leadership,
Graphic Design, Teaching,
Japanese fluency

HOBBIES/INTERESTS

Snowboarding, Archery,
Hiking, Cycling, Running,
Weight Training, Cooking,
Graphic Art

WORK EXPERIENCE (continued)

Substitute Teacher

10/2017 - 03/2020

Moanalua High School

- **Promoted to full-time** math and engineering teacher for a semester
- **Mentored STEM students on a year-long project to develop a javascript web application** which crowdsources and displays data about hazards on local hiking trails

Director of Technology

10/2016 - 10/2017

Keller Williams Honolulu

- **Project manager, overseeing the adoption of a new transaction management SaaS**, which doubled the number of contracts completed
 - Point of contact with third-party company and source of truth about application's features and limitations
 - Established timelines for training, beta-testing, and full release
- **Collaborated on company website features and design**, contributing ideas to the equal representation of member agents
- **Promoted from executive assistant to the CEO** after showing great aptitude for tech and obtaining an in-depth knowledge of the company's various enterprise software and third party programs

Assistant Language Teacher

07/2011 - 07/2016

JET Programme, Aomori, Japan

- **Coordinated the English language curriculum** at five elementary schools and worked with junior high schools teachers to create engaging content
- **Guest spoke at local and prefectural conferences** on teaching strategies
- **Developed a journaling program** for junior high schools, which improved student's writing and creative thinking skills

VOLUNTEER WORK

Graphic Designer

2017

Hawaii Kyudo Kai

- **Redesigned the organizations logo** for team uniforms

Videographer/Photographer

2014

Nakuidake Trail Run

- **Directed and produced promotional videos**, published on social media and the event's website
- **Coordinated a three-man team** of photographers on the day of the event

Graphic Designer

2011-2015

Aomori Prefecture JET Mid-Year Conference

- **Designed the cover art and layout** for a booklet that was provided to all conference goers
- **Incorporated both English and Japanese languages** into one document, cutting printing costs by 50%
- **Created an appealing design** in black and white, saving money on printing charges and increasing the total page count by 20%