

Jonathan Kao

Full Stack Software Engineer

JohnAKao.com | [Github](#) | [LinkedIn](#)

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EXPERIENCE

Software Engineer Intern @ Foqal, Inc.

APR 2021 - Current Day // San Francisco, CA

- Built a front-end Q&A knowledge base for Foqal customers with **React** and **Typescript**.
- Built a reusable form component for configurable user-friendly post creation.
- Implemented sanitization and input validation preventing client data compromise through cross site scripting attacks.
- Integrated a tagging component to Foqal's **graphql** backend API for posts improving user search times and filter results.
- Increased test coverage to >80% using Cypress and Jest.

Surgical Neurophysiologist @ Neuropath, Specialty Care

MAY 2012 - DEC 2020 // San Francisco, CA.

- Programmed and applied algorithms in Cadwell Cascade to patient nervous systems prevented neurological injuries in over half a million patients.
- Applied, analyzed, and tested multi-modality neurophysiological programs in cross-functional teams in cross-functional teams.
- Wrote and applied technical documentations resolving \$10 million to over \$100 million in settlements.
- Mentored and trained 5 neurophysiologists in neurosurgical and neuroanalytical concepts growing clinical teams by 15% YOY

PROJECTS

Warbler - a Twitter clone built using PostgreSQL, Python, and Flask.
[Demo](#) | [Github](#)

Pixly - a file editing application built in PostgreSQL, Javascript, and React. [Demo](#) | [Github](#)

Jobly - a job listing site built using PostgreSQL, Node/Express, and React. [Demo](#) | [GitHub](#)

SKILLS

Web Languages & Technologies:
JavaScript, TypeScript, HTML, CSS, Node.js

Libraries:
React, jQuery

Programming Languages:
Python

Frameworks:
Express.js, Flask, Jest, Bootstrap

Database:
PostgreSQL

EDUCATION

Rithm School

Mar 2021 - May 2021

// San Francisco, CA

Full Stack Web Development

Kennesaw State University

Aug 2008 - May 2012

// Kennesaw, GA

B.S. in Biochemistry

LEADERSHIP/ VOLUNTEERING

Minds Matter

Dec 2019 - Present

// San Francisco, CA

Raised >\$5,000 for mentorship and college admissions prep for underprivileged children