KYLE BRICKER

SOFTWARE ENGINEER | KYLEBRICKER.GITHUB.IO

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EDUCATION

CODING DOJO, SILICON VALLEY— Full-Stack Developer Certificate, May 2021

• Immersive full-stack program: Python, Java, and MERN (500+ hrs, pair programing, testing, algorithms)
• Achieved "**BlackBelt**" demonstrating the highest knowledge and technical skills levels across all three stacks.

SAN JOSE STATE UNIVERSITY — B.A. Mathematics, May 2020
• Achieved the Dean's Scholar title 2X, and the President's Scholar for scholastic excellence
• Relevant CS Courses: Intro to Java | Intro to Python
• Magna Cum Laude (GPA 3.833)

TECHNOLOGIES

HTML, CSS, Python, JavaScript, Java, Django, React, Spring, jQuery, MongoDB, MySQL, mongoose, Express, Node.js, Amazon AWS deployment

TECHNICAL PROJECTS

FAVORITE POKEMON - demo link

A single-page application that allows users to browse all existing pokemon and choose their favorites
- Created an easy to navigate web application and enriched user experience by using the PokeAPI and jQuery to retrieve target data.
- Used a Django framework to store user interaction information which maintains continuity so users could save progress and return to the site, continuing from where they left off.

PLAYLIST CREATOR - demo link

A lightweight music organization web application that enables users to easily sort and arrange songs into a personalized playlist
- Collaborated remotely on a team of 2 to plan and design an end-to-end full stack application from scratch. Owned the backend development and successfully delivered a functional deployment-ready MVP within 4 days.

WORK EXPERIENCE

SAN JOSE STATE UNIVERSITY - Workshop Facilitator & Math Tutor — 2018-2020
- Increased the confidence, understanding, and math ability of 50+ college students by leading small groups and meeting 1:1 to break down and explain difficult concepts

Math Tutor, Wyzant, San Jose, CA — 2019-2020

- Leveraged strong mathematical knowledge and communication to facilitate engaging in-person and online, in one-on-one tutoring of advanced math subjects including Algebra and Geometry to Trigonometry and Calculus.
- Achieved and maintained a five-star rating on the Wyzant website