JARED MATTHEW TATING

ADDRESS 1801 SHATTUCK AVE BERKELEY, CA 94709 | **EMAIL** JAREDTATING@GMAIL.COM | **PHONE** (707) 567-9496

EDUCATION

UNIVERSITY OF CALIFORNIA,
BERKELEY
BA Computer Science and
Cognitive Science
Expected Graduation May 2022

RELEVANT COURSEWORK

— Software Engineering
— Data Structures
— Databases*
— Artificial Intelligence
— Computational Models of Cognition*
— Principles & Techniques of Data Science
— Discrete Mathematics & Probability Theory
— Machine Structures
— Efficient Algorithms & Interactable Problems*

* Currently Enrolled

TECHNICAL SKILLS

— **LANGUAGES**: Python, Java, C, Ruby, RISC-V, HTML, CSS, JS, SQL
— **FRAMEWORKS**: Rails, jQuery, React.js
— **TECHNOLOGIES**: Git, Adobe Suite, Jupyter, VIM, Heroku, NumPy
— **KNOWLEDGE**: OOP, HTTP, Databases, Agile, MVC, REST, Data Science, Machine Learning, Algorithms, Cloud Computing, NLP

EXPERIENCE

CHILDREN'S DEFENSE FUND – CALIFORNIA | FULLSTACK DEVELOPER
February 2021 - Present
— Focused on building a web application to address the Benefits Cliff for use in California law making, policy, and legislation
— Conducts Research as part of the *Economic Stability Tool DSDP* Team, analyzing the effects of California's Social Programs

HCL TECHNOLOGIES | SOFTWARE DEVELOPMENT ENGINEER INTERN
June 2021 - August 2021
— Designed and implemented software to classify User Issues into bugs, features, and questions as part of the Engineering and Research Team
— Obtained a solid understanding of the Data Science Pipeline through the cleaning and analyzing of data, as well as Model training & tuning

UC BERKELEY COLLEGE OF ENGINEERING | COMPSCI LAB ASSISTANT
January 2019 - May 2020
— Assisted students in Introductory Computer Science Lab Sections by walking through problems, and debugging code
— Taught programming concepts such as Recursion, Higher-Order Functions and Object-Oriented Programming

PILIPINX ASSOC. OF ARCHITECTS, SCIENTISTS & ENG. | PR OFFICER
January 2020 - Present
— Designs Graphics for the organization using Photoshop & Illustrator, and manages the organization's social medias & social presence

PROJECTS

ISSUE CLASSIFIER ——————————————— PYTHON, SQL
— Classifies User Issues into bugs, features or questions w/ 89% accuracy
— Engineered a data pipeline to clean, tokenize and extract features, based on a corpus of GitHub Issues
— Trained and tuned the hyperparameters of Logistic Regression, Gradient Boosting and Pre-trained Natural Language Models

ACTIONMAP (SaaS App) ——————————— RUBY on RAILS
INFINITE-HAMLET-56534.HEROKUAPP.COM (Linked in QR Destination)
— Worked cooperatively as a team, utilizing Git and Agile practices
— Enhanced and refactored Legacy Code
— Acclimated to Behavior and Test Driven Development, utilising RSpec and Cucumber/Capybara frameworks, reaching 90% Test Coverage
— Responsible for implementing Third-Party REST API Querries and User Authorization

PERSONAL WEBSITE ——————— HTML, CSS, JAVASCRIPT/JQUERY
JAREDTATING.GITHUB.IO/project_WEB
— Implemented a Mobile-First Design that dynamically changes, using Adobe XD for Mock-Ups
— Constantly being refactored; transitioning to React.js
— QR Code Links to site and other Web Applications