# Hector Chu

*Full Stack Software Engineer*

[hectorchu.com](hectorchu.com) | [github](github) | [linkedin](linkedin)

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## EXPERIENCE

### Software Engineer Intern @ Rithm Student Information Systems

MAR 2022 - APR 2022  // *Remote*

➤ Designed and implemented Fernet-encrypted data models with **Django** to store and visualize bootcamp graduate outcomes

➤ Integrated breadcrumb functionality to student-accessible views and corresponding **HTML** templates

➤ Conducted daily standups via Agile development with teammates during 1-week sprints

➤ Wrote tests to maintain 100% test coverage and successfully submitted PR requests that were merged into production codebase

### Lead Physical Therapy Aide @ Ocean Beach Physical Therapy

FEB 2021 - NOV 2021 // *San Francisco, CA*

OTHER POSITIONS HELD: *Physical Therapy Aide, Physical Therapy Intern*

➤ Trained and supervised 5 aides and 8 interns  in completing administrative duties, clinical exercises, and modalities

➤ Maintained clinic technology by fixing broken hardware and installing new equipment

➤ Expanded patient population demographics by providing translations for Cantonese speakers

### Patient Advocate and Translator @ Paul Hom Asian Clinic

JUNE 2018 - JULY 2019 // *Davis, CA*

OTHER POSITIONS HELD: *Ophthalmology Committee member*

➤ Directed and translated for on average 30 Cantonese patients per week to receive medical care from their primary care physicians

➤ Planned and executed an annual health fair program for over 200 Cantonese patients to receive ophthalmology exams

➤ Measured patient vitals and prepared medical documentation for preceptor consultations and prescriptions

## PROJECTS

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

**Jobly –** a job application site built using **React** on the frontend. Backend is built with **Express** and **PostgreSQL.** [Demo](Demo) | [GitHub](GitHub)

## SKILLS

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

**Libraries**:
React, jQuery

**Programming Languages:**
Python

**Frameworks:**
Django, Express.js, Flask, Jest, Bootstrap

**Database:**
PostgreSQL

## EDUCATION

**Rithm School**
JAN 2022 - APR 2022
*// Remote*
Full-Stack Web Development

**University of California, Davis**
SEP 2015 - AUG 2019
*// Davis, CA*
B.S. in Pharmaceutical Chemistry
Minor in Computer Science
GPA: 3.783

## LEADERSHIP/ VOLUNTEERING

**SFGH Inpatient PT Intern**
APR 2021 - JUL 2021
*// San Francisco, CA*
Volunteer at the Intensive Care Unit to support physical therapists during treatment