

CHAP-LONG A. LAU

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EDUCATION

Bachelor of Science in Applied Math & Statistics, Minor in Computer Science | Stony Brook University

Dean's List - Provost's Scholarship

Graduated: Aug '17

Full Stack Web Developer Program | Flatiron School

Ruby on Rails, JavaScript, React & Redux - Lower Manhattan Campus

Graduated: Aug '16

WORK EXPERIENCE

Web Consultant | Miracle Corners of the World

Manhattan, NY | Jun '15 – May '16

- Responsible for redesigning organization's main website from a rough mockup to a finished product
- Performed comprehensive data migration from organization's proprietary database onto WordPress
- Implemented mobile responsiveness, site analytics, and other functionality in accordance to the organization's focus and goals
- Provided on-going site maintenance, custom CSS styling, optimization, documentation, bug fixes and email support

Web Developer Intern | MobilePal

Stony Brook, NY | Feb '15 – Jun '15

- Redesigned and modernized the website of an ecommerce startup onto WordPress to engage users and generate sales
- Proposed and advised on various design decisions from a UI/UX designer perspective

Pharmacy Intern | KML Pharmacy

San Jose, CA | Summer & Winter '14 – '15

- Advocated and executed creation of a company website to establish an internet presence
- Labeled medication, preparing medications for delivery, collecting patient signatures, organizing store inventory
- Entered patients' information and medicine inventory into database

TECHNICAL PROJECTS

Homebase

JavaScript

- Built a news-aggregator site which curates customized content based on user's location in Object Oriented JavaScript
- Organized JavaScript code with MVC design pattern in conjunction with the adapter pattern, with proper group GIT workflow
- Used AJAX and JQuery to pull data from multiple APIs including NYT's, Forecast.io's and send data with Twilio's

Restaurant Week NYC

Ruby

- Utilizes HTTParty and Nokogiri with Ruby to scrape restaurant data from OpenTable's website
- Parsed and formatted the data to feed it through Yelp's API, and output the data using Axlax to a csv spreadsheet

Wanderlist

Ruby on Rails

- Coded a web application which displays the best possible flight match given user specified budget and departure airport
- Refactored code into single-purpose methods to retain modular design for easier ActiveRecord queries
- Utilizes MVC design pattern on Ruby and Rails and Twitter Bootstrap with proper group GIT workflow

COMPETITIONS & AWARDS

YHack Competitor

New Haven, CT | Nov '15

- Created a web application that parses flight and customer data given by JetBlue to select the best flight and destination based on user indicated preferences using HTML, CSS, and JavaScript

Design and Hack Competitor

Manhattan, NY | Nov '14

- Created a web showcase centered on a minimalistic parallax design for an iOS application

DECA International Career Development Conference Californian Delegate

San Jose, CA | Apr '13

- Crafted an award-winning business plan on an entrepreneurial startup
- Won 1st Place in Entrepreneurship - Growing Your Business Event at the 2013 Silicon Valley Conference

PROFESSIONAL AFFILIATIONS

Theta Tau Professional Co-Ed Engineering Fraternity | Past Fundraising Chair

Dec '15 – Aug '17

Stony Brook Computing Society | Member

Aug '13 – Aug '17

Native English, Professional Conversational in Mandarin and Cantonese, Beginner Spanish, Photographer, Learning Enthusiast