CHAP-LONG A. LAU

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EDUCATION

Bachelor of Science in Computer Science | Stony Brook University　　　　Expected: Dec 2017

Cumulative GPA 3.18 - Dean's List 2014 - Provost's Scholarship

Full Stack Web Developer Program | Flatiron School　　　　Graduation: August 2016

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

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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　　　　East Setauket, NY | Feb '15 – June '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

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

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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 Axlsx 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

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COMPETITIONS, ACTIVITIES & AWARDS

YHack Competitor　　　　New Haven | Nov 2015

- 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 | Nov 2014

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

Volunteers around the World Medical Brigade to Guatemala　　　　July 2014

- Assisted doctors by setting up and running clinics to improve the standard of living in poverty stricken communities

DECA International Career Development Conference Californian Representative & Delegate　　　　April 2013

- 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

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PROFESSIONAL AFFILIATIONS

Theta Tau Professional Co-Ed Engineering Fraternity | Fundraising Chair　　　　Dec 2015 – Present

Stony Brook Computing Society | Member　　　　Aug 2013 – Present

Native English, Professional Conversational in Mandarin and Cantonese, Beginner Spanish, Ice Skater, Photographer, World Traveler