Yui Chi Tiffany Lo

SOFTWARE ENGINEERING + GRAPHIC DESIGN

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EDUCATION

Boston University
BA in Computer Science
Minor in Graphic Design

Kilachand Honors College
3.84 GPA — Magna Cum Laude

SKILLS

PROGRAMMING LANGUAGES
Java / Python / Perl /JavaScript
(Backbone, AngularJS, React) /
HTML / CSS / SQL / noSQL

Agile / Android app development /
Databases / Git / Perforce

GRAPHIC DESIGN
Photoshop / Illustrator / InDesign /
Flash / AfterEffects / Sketch

Typography / Data visualization /
Information Architecture /
Bookbinding

EXPERIENCE

Senior Software Developer (Full-stack) @ athenaHealth
July 2016 – Present
Boston, MA

* Developing athenaClinicals for Hospitals (cloud-based electronic health record software) in Perl + Python + JavaScript (Backbone, React).
* Built complex hospital pharmacy + fulfillment workflows from the ground up, scaling from six hospitals to 100+ hospitals across the U.S.
* Designed and built infrastructure to support automated charge capture for medication administrations, achieving a 90% automatic charge capture rate.
* Profiled and improved performance across the stack.
* Led cross-team and cross-product initiatives to improve pharmacist and automated charge capture workflows.
* Regularly making legacy code more modular, unit-tested, maintainable, and well-documented.
* Coordinating closely with UX designer, clinicians, and analytics to refine designs/specs and define measurable metrics for features.

IT Intern @ Aloha Pacific Federal Credit Union
June 2015 – August 2015
Honolulu, HI

* Developed company intranet prototype using Microsoft Sharepoint and custom solution built on a MEAN (Mongo/Express/Angular/Node) Stack.

Course Assistant (CS111 — Intro to CS) @ Boston University
September 2013 – December 2014
Boston, MA

* Assisted in weekly lab sections to help students reinforce concepts.
* Held office hours to tutor over 350 students enrolled in course on programming fundamentals and Java/Python.

Design Intern @ fluid. (Now PwC Experience Center Hong Kong)
July 2014 – August 2014
Hong Kong, China

* Designed brand collateral and web/app user interfaces for clients ranging from large businesses to non-profit organizations.
* Worked on award-winning Hotel Jen branding + launch project for a multi-national chain of hotels.
* Assisted with web development in ongoing digital projects using modX CMS.

Technical Assistant @ City University of Hong Kong
Department of Mechanical and Biomedical Engineering
Hong Kong, China   5/2014 – 6/2014

* Worked on the "Future Smart Home: An Integrated Platform for Home Automation" project.
* Developed an Android application for phone/tablet users to interface with custom smart home automation system.