Yui Chi Tiffany Lo

SOFTWARE ENGINEERING + GRAPHIC DESIGN

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EXPERIENCE

Software Developer (Member of Technical Staff)
athenaHealth
Watertown, MA   7/2016 – Present

- Developing on athenaClinicals for Hospitals (cloud-based electronic health record software) in Perl + JavaScript (Backbone, React).
- Working on a team to design + build hospital pharmacy + fulfillment workflows from the ground up.
- Working with UX designer, clinicians, and analytics to refine designs/specs and measurable metrics for functionalities.
- Profiled performance across the stack to improve client experience.
- Led cross-team and cross-product initiatives to improve pharmacist and automated charge capture workflows.
- Built infrastructure to support automated charge capture for medication administration and waste.
- Regularly improving legacy code to be more modular, unit tested, and well-documented.

Information Technology Intern
Aloha Pacific Federal Credit Union
Honolulu, HI   6/2015 – 8/2015

- Developed company intranet prototype using Microsoft Sharepoint and custom MEAN Stack solutions.
- Consulted on company intranet technology solutions.

Course Assistant (CS111 – Intro to Computer Science)
Boston University Department of Computer Science
Boston, MA   9/2013 – 12/2014

- 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. – Insight-driven Creative
Hong Kong, China   7/2014 – 8/2014

- Designed brand collateral and web/app user interfaces for clients ranging from international businesses to non-profit organizations.
- Assisted with web development in ongoing digital projects.

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

- Contributed to 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.
- Designed user interface for Smart Home application.

EDUCATION

Boston University
B.A. in Computer Science
Coursework in Graphic Design

Magna Cum Laude
College of Arts & Sciences
Kilachand Honors College
May 2016
GPA: 3.84

RELATED COURSEWORK
Combinatoric Structures
Geometric Algorithms
Computer Systems
Algebraic Algorithms
Probabilities in Computing
Concepts of Prog. Languages
Analysis of Algorithms
Fundamentals of Computing Systems
Software Engineering
Database Systems
Network Security/Cryptography
Techniques for Data Mining Applications
Data Mechanics for Pervasive Systems
   & Urban Applications
Sophomore Design Studio II
Junior Design Studio I, II
Senior Design Studio I, II
Graphic Design Theory
Bookmaking
Typography I, II, III, IV

SKILLS

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

OTHER SKILLS
Git, Agile, Databases, Android app development

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

Typography, Data visualization, Bookbinding