

Quan Huynh

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Experience

Software Developer Intern

June 2016 - August 2016

Bank of America Corporation | Plano, TX

- Maintained credit rewards team's internal applications, used by thousands of call center operators, with Java EE, Struts2, Hibernate
- Fixed security defects (SQL injections, cross site scripting, input validation) affecting 50+ code files in applications backend
- Developed testing utility application from scratch, querying schemas across 16 global testing environments

Web Assistant

September 2015 - present

UC Berkeley Vice Chancellor Office for Research | Berkeley, CA

- Design and implement websites for campus projects, professors, departments, and other university-affiliated clients
- Develop sites in content management system Drupal

Web Assistant

September 2015 - present

UC Berkeley Master of Development Practice | Berkeley, CA

- Maintain website of the MDP Program at mdp.berkeley.edu
- Serve as liaison to server host team operating under UC Berkeley Department of Natural Resources
- Provide daily IT support and social media assistance

Projects

Tradebook

- Web app made for virtual trading with real stock market data
- Features regular trading, watchlisting, user account system, personalized trade portfolios
- Built with MeteorJS and Yahoo Finance API

Java Matrix Computation Package

- Linear algebra package created for Java
- 20+ methods for working with matrices, basic determinants and inverses to row reductions and more
- Downloadable .jar with online documentation

CodeSaver

- Desktop application that stores away short code snippets for easy access based on categories, syntax, etc.
- Built with Java Swing and MySQL + JDBC

DailyProgrammer

- Code portfolio to problems from DailyProgrammer subreddit
- Extended some challenges to mini-projects: Minesweeper, Langton's Ant Simulator, interactive Conway's Game of Life

Education

UC Berkeley

Berkeley, CA

Expected December 2017

B.A. Computer Science

Coursework

Structures and Interpretations of Computer Programs

Data Structures

Machine Structures

Discrete Math/Probability

Computing with Data

Intro to AI

Efficient Algorithms (Fa. 16)

Databases (Fa. 16)

Web Architecture (Fa. 16)

Skills

Experienced in

Java (SE/EE)

Python

JavaScript

HTML

CSS

Familiar with

C

C++

R

SQL

Tools / Frameworks

Git

Apache Struts

Hibernate

Bootstrap

SASS

MeteorJS

Photoshop/Illustrator

Links

Personal Website

<http://quanhuynh.org>

Github

<http://github.com/quanhuynh>

LinkedIn

<http://linkedin.com/in/quanhuynh>