

Taha Pourjalali

PROGRAMMER · APPLICATION DEVELOPER

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Skills

Programming	Android, Python, JavaScript, Java, C/C++, PHP
Frameworks & Libraries	MEAN/Express, Vue, Angular, D3, Ionic, Zend Framework, Bootstrap
Software & Systems	Firebase, Apache, Heroku, Digital Ocean, MySQL, MongoDB

Experience

First Hawaiian Bank

Honolulu, HI

PROGRAMMER ANALYST

Nov 2016 - present

- Maintained and extended a complex legacy application used by bank tellers, paying attention to quality assurance of released code.
- Resolved various production issues/bugs in a timely manner, maintaining a high satisfaction score.
- Maintained numerous servers using Python, Perl and Batch scripts.
- Successfully collaborated with a sizable IT team to deliver a major project.
- Fixed a growing queue of unresolved bugs, some over four years old.

Curriculum Research and Development Group at University of Hawai'i at Mānoa

Honolulu, HI

WEB AND DATABASE DEVELOPER

Apr 2016 - present

- Designed and developed opihi.crdg.hawaii.edu from scratch using the Zend php framework, being mindful of best security practices and also accessibility of the website for handicap users.
- Worked with non-technical clients to define software requirements and design the ideal look and feel for the website.
- Used D3.js to create beautiful and responsive graphs for analyzing scientific data collected by students.

First Unitarian Church of Hawaii

Honolulu, HI

WEBSITE ADMINISTRATOR

Jan 2018 - present

- This is volunteer position. I upkeep, troubleshoot, and extend the functionality of a wordpress based website for the First Unitarian Church of Hawaii.

University of Hawai'i at Mānoa

Honolulu, HI

FRONT END DEVELOPER

Oct 2016 - Mar 2017

- Worked with Dr. Kaveh Abhari to create a vibrant data-analysis page for Stemd2.com (an educational website.)
- Developed a preliminary front-end framework to include multiple data-enabled widgets on the page.
- Reverse-engineered a sophisticated word-press plugin and wrote custom php code to extend its functionality.

Hasti LLC

Honolulu, HI

WEB DEVELOPER

June 2016 - Nov 2016

- Software developer for the AASHTO LRFD project.

Kai Hawaii Structural and Forensic Engineers

Honolulu, HI

IT SUPPORT

September 2016 - Nov 2016

- Provide general technical assistance to engineers. Perform regular server maintenance duties.
- Worked to debug internal programs including Microsoft Outlook plug ins.

Department of Physics University of Hawai'i at Mānoa

Honolulu, HI

DIRECTED STUDIES UNDER DR. VAHSEN

2013

- Devised an app with graphical user interface to select, display, and graph neutron trajectories identified by a neutron detector using C++ and ROOT under the guidance of Dr. Sven Vahsen.

Undergraduate Research Assistant

Honolulu, HI

DEPARTMENT OF MOLECULAR BIOSCIENCES AND BIOENGINEERING AT UNIVERSITY OF HAWAII' I AT MĀNOA

2011-2013

- Created a database of retro-transposons in Corn genome using MySQL and Perl.
- Created a website to expose the database to public using PHP5 and Apache2.

Projects

Find links and more detailed description of my projects on my online portfolio at www.tpourjalali.com.

📄 ONLINE DEVELOPER PORTFOLIO

My developer pages (at tpourjalali.com and tahahojati.github.io) were developed using Vue.js and Angular.js.

📄 OPIHI: OUR PROJECT IN HAWAII'S INTERTIDAL

A science education web application. Developed with Zend Framework and LAMP stack

AASHTO LRFD DESIGN ONLINE SOFTWARE

Web app for performing structural engineering calculations and generating pdf reports. Developed with Express and Angular.

CRIMINAL INTENT

Co-workers leaving dirty dishes in the breakroom sink? leaving shared printer without paper? Record their crimes using this app!

VIRTUAL FENCE

Winner of Honolulu AT&T Hackathon 2018. An IoT solution to hinder theft in farms. Technologies used: Particle Photon, Android, Google Cloud.

FARM AKAMAI

Winner in Hawaii Agriculture Hackathon 2018. An Android app to educate ESL immigrants about the standards of farming.

JAVASCRIPT GAMES

Set of browser games developed with vanilla JavaScript and with Phaser.io. Look for them on my online portfolio.

SANDWICH CLUB

An Android app to help you find and prepare Sandwiches

RISTORANTE CON FUSION

Single page application accompanied by a hybrid mobile app for a fictitious restaurant. Developed with Express, Angular and Ionic.

PHOTO GALLERY

An android client for the photo-sharing site Flickr.

BEAT BOX

A box for beating up people!(jk) Beat Box is an Android app for generating musical sounds.

NERD LAUNCHER

A simple app to replace the default Android Launcher (Home screen)

Honors & Awards

2018 **Hawaii Agriculture Hackathon (Agathon)**, Second place winner

Honolulu, HI

2018 **AT&T Hackathon (Hawaii)**, Best IoT Project

Honolulu, HI

Credentials

University of Hawai'i at Mānoa

Honolulu, HI

B.S. IN PHYSICS

2011 - 2016

- Membership in the Society of Physics Students and the Golden Key Honor Society.

Udacity.com

Honolulu, HI

NANODEGREE IN ANDROID DEVELOPMENT WITH GROW WITH GOOGLE SCHOLARSHIP

2018 (Ongoing)

I was one of the recipients of the Grow with Google scholarship for Android Development curriculum on Udacity.com. The program will finish later in 2018.

Coursera.com

Honolulu, HI

CERTIFICATE IN FULL STACK DEVELOPMENT FROM THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

2016

Udacity.com

Honolulu, HI

NANODEGREE IN FRONT-END DEVELOPMENT

2016

Coursera.com

Honolulu, HI

CERTIFICATE IN FULL STACK DEVELOPMENT FROM THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

2016