

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

Projects

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

📄 OPIHI: OUR PROJECT IN HAWAII'S INTERTIDAL

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

📄 AASHTO LRFD DESIGN ONLINE SOFTWARE

Online application for structural engineering design. It Can perform calculations and generate and store pdf reports. It was developed with Express and Angular.

📱 FARM AKAMAI

📱 RISTORANTE CON FUSION

A single page web application and a cloud-backed mobile app for a fictitious restaurant using Angular.js and Express. Hybrid mobile app was developed using Ionic.

📄 COFFEE IN HONOLULU

A map of coffee shops in Honolulu developed using Knockout.js framework and Google Maps and FourSquare APIs.

📄 FROGGER

A JavaScript version of the classic arcade game Frogger. Developed with pure vanilla JavaScript.

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

IT SUPPORT

Honolulu, HI

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 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.

Honors & Awards

2018 **2nd Place**, Hawaii Agriculture Hackathon (Agathon)

Honolulu, HI

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

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