

# Taha Pourjalali

PROGRAMMER · APPLICATION DEVELOPER

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## Skills

<b>Programming</b>	Android, Python, JavaScript, Java, C/C++, PHP
<b>Frameworks &amp; Libraries</b>	MEAN/Express, Vue, Angular, D3, Ionic, Zend Framework, Bootstrap
<b>Software &amp; Systems</b>	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](http://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.

### Department of Molecular Biosciences at University of Hawai'i at Mānoa

Honolulu, HI

UNDERGRADUATE RESEARCH ASSISTANT

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](http://www.tpourjalali.com).

#### ONLINE DEVELOPER PORTFOLIO

My developer pages (at [tpourjalali.com](http://tpourjalali.com) and [tahahojati.github.io](http://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.

#### POPPIN' MOVIES

Android app that shows you popular movies along with trailers and reviews. Favorite the ones you like and share with friends!

#### CRIMINAL INTENT

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

#### 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 portflio.

#### 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

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

*Honolulu, HI*

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

*Honolulu, HI*

## Credentials

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### 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.

### 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*