

# Taha Pourjalali

PROGRAMMER · APPLICATION DEVELOPER

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## Skills

<b>Programming</b>	PHP, JavaScript, Java, C/C++, Ruby, Python, Perl, HTML, CSS
<b>Frameworks &amp; Libraries</b>	Zend Framework, Ruby on Rails, Express, Angular1, Ionic, Bootstrap, Knockout, D3, JQuery
<b>Softwares &amp; Databases</b>	Apache, MySQL, PostgreSQL, MongoDB

## Projects

Find links and more detailed description of my projects on my online portfolio at [tahahojati.github.io](https://tahahojati.github.io).

### OPIHI: Our Project in Hawaii's Intertidal

Designed a science education database schema using MySQL. Developed a server-side web application using Zend Framework, D3, and Apache2.

### AASHTO LRFD DESIGN Online Software

Online software for facilitating structural engineering design. The website is developed using MEAN framework. A link is available on my online portfolio.

### Ristorante con Fusion

Developed a single page web application for a fictitious restaurant using Angular.js and Bootstrap. Also created a hybrid mobile app for the restaurant using Ionic and Cordova.

### Coffee in Honolulu

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

### Frogger

Wrote a JavaScript version of the classic arcade game Frogger. Made extensive use of object oriented 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
- 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

- Software developer for the OPIHI project.

### 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.

### University of Hawai'i at Mānoa

Honolulu, HI

#### Physics Tutor

2014

- Worked closely with students to deepen their knowledge of physics.

### 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 Hawai'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.

## Education

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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 Front-End Development

*2016*

### Coursera.com

*Honolulu, HI*

#### Certificate in Full Stack Development from the Hong Kong University of Science and Technology

*2016*