# Taha **Pourjalali**

PROGRAMMER · WEB AND DATABASE DEVELOPER

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## Summary

Recent university graduate with experience in programming and web and database design. In possession of strong written communication skills and ability to establish interpersonal relationships with teams and clients. The links to some of my projects (listed in this document) are present on my portfolio page at taha-hojati.github.io.

## Education

**Henry J. Kaiser High school**                                                             *Honolulu, HI*
**Diploma with Honors**                                                                      *2010 - 2011*

 **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*

## Skills

| | |
|---|---|
| **Programming** | PHP, Java, C/C++, JavaScript, Ruby, Python, Perl, HTML, CSS |
| **Frameworks** | Zend Framework 1, Ruby on Rails, ExpressJs, AngularJs, Ionic, Bootstrap, KnockoutJs |
| **IDEs & Development Tools** | Adobe Dreamweaver, PHP Storm, Eclipse IDE, Git, Gulp, Jasmin, PHPUnit, RSpec, Cucumber |
| **Softwares & Databases** | Apache, Rack, MySQL, PostgreSQL, phpMyAdmin |

## Projects

**OPIHI: Our Project in Hawaii's Intertidal (under active development)**
Designed a science education database schema using MySQL. Developed a server-side web application using Zend Framework, Angular.js, and Apache2.

**AASHTO LRFD DESIGN Online Software (under active development)**
A website with the purpose of structural engineering design using an online software. The website is being developed using Zend Framework.

**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

**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.

**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 Hawaiʻi 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 Hawaiʻi 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 Appache2.