

Taha Pourjalali

PROGRAMMER · WEB AND DATABASE DEVELOPER

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Summary

Recent university graduate with experience in programming and web and database design. Experienced with several development frameworks and always eager to learn more. The links to some of my projects (listed in this document) are present on my portfolio page at tahahojati.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

Coursera.com

Honolulu, HI

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

2016

Skills

Softwares & Databases

Tableau, Microsoft Power BI, MySQL, PostgreSQL, MongoDB

Programming

PHP, Java, C/C++, JavaScript, Python, HTML, CSS

Frameworks

Zend Framework, Ruby on Rails, ExpressJS, AngularJS, Ionic, Bootstrap, KnockoutJS, D3JS, jQuery

IDEs & Development Tools

Adobe Dreamweaver, PHP Storm, Eclipse IDE, Git, Gulp, Jasmin, PHPUnit, RSpec, Cucumber

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)

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

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

Web Developer

- Software developer for the AASHTO LRFD project.

Kai Hawaii Structural and Forensic Engineers

IT Support

- Provide general technical assistance to engineers. Perform regular server maintenance duties.

University of Hawai'i at Mānoa

Physics Tutor

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

Department of Physics University of Hawai'i at Mānoa

Directed Studies Under Dr. Vahsen

- 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

Department of Molecular Biosciences and Bioengineering at University of Hawai'i at Mānoa

- 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.

Honolulu, HI

June 2016 - present

Honolulu, HI

September 2016 - present

Honolulu, HI

2014

Honolulu, HI

2013

Honolulu, HI

2011-2013