Taha **Pourjalali**

PROGRAMMER · APPLICATION DEVELOPER

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Objective

To obtain a position in software development that enables me to apply my skills in Android and Web development to meet the company's needs.

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

Experience

First Hawaiian Bank
Honolulu, HI
PROGRAMMER ANALYST · *Nov 2016 - present*

- Maintain and extend a complex legacy application used by bank tellers, with attention to the quality assurance of released code.
- Resolve various production issues/bugs in a timely manner, maintaining a high satisfaction score.
- Maintain numerous servers using Python, Perl and Batch scripts.
- Successfully collaborate with a sizable IT team to deliver major projects.
- Fixed a long queue of unresolved software issues, some over four years old.

Curriculum Research and Development Group, University of Hawai'i at Mānoa
Honolulu, HI
WEB AND DATABASE DEVELOPER · *Apr 2016 - present*

- Designed and developed opihi.crdg.hawaii.edu using the Zend php framework, applying best security practices and promoting accessibility of the website for handicapped users. Opihi is a research project relying on data gathered by public to study the intertidal regions of Hawaii
- Used D3.js to create beautiful and responsive graphs for analyzing scientific data collected by students.

University of Hawai'i at Mānoa
Honolulu, HI
FRONT END DEVELOPER · *Oct 2016 - Mar 2017*

- Worked with Professor 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.

Hasti LLC
Honolulu, HI
WEB DEVELOPER · *June 2016 - Nov 2016*

- Developed a web application for AASHTO LRFD (i.e. bridge design) calculations with Node and Angular(**aashtobridgedesign.com**)

Department of Physics University of Hawai'i at Mānoa
Honolulu, HI
DIRECTED STUDIES UNDER DR. VAHSEN · *2013*

- Developed an application to select, display and graph neutron trajectories identified by a neutron detector using C++ and ROOT under the guidance of Professor Sven Vahsen.

Department of Molecular Biosciences, University of Hawai'i at Mānoa
Honolulu, HI
UNDERGRADUATE RESEARCH ASSISTANT · *2011-2013*

- Contributed to a two year long bioinfomatics research project and won an award for presenting the project at a research symposium.
- Created a database of retro-transposons present in the corn genome using MySQL and Perl.
- Created a website to allow public access to the database using PHP and Apache.

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)*
Received 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*

Honors & Awards

2018   **Hawaii Agriculture Hackathon (Second Place)**, Developed an Android app to help
teach immigrant laborers about the standards of farming in Hawaii. *Honolulu, HI*

2018   **AT&T Hackathon (Best IoT Project)**, Built a cloud connected device to monitor farms
and prevent theft by notifying farm owners and scaring away potential assailants. *Honolulu, HI*

Projects

Please find links and detailed description of my projects on my portfolio at www.tpourjalali.com.

💻📱 **Developer Portfolio**
My developer pages (at **tpourjalali.com** and **tahahojati.github.io**) were developed using Vue.js, Angular.js and
Android SDK.

💻 **OPIHI: Our Project in Hawaii's Intertidal Region**
A science education web application, developed with Zend Framework and LAMP stack

📱 **Reflex Game**
A fast paced game developed using only Android SDK. APK available for download on my **github** and on my portfolio.

💻 **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 popular movies along with trailers and reviews. Users may rate and share the movies as they
like.

🏆📱 **Farm Akamai**
Winner in Hawaii Agriculture Hackathon 2018. An Android app to educate ESL immigrants about Hawaii's standards of
farming.

🌐 **JavaScript Games**
Set of browser games developed with vanilla JavaScript and with Phaser.io. Look for them on my online portflio.

📱💻 **Ristorante con Fusion**
Single page application accompanied by a hybrid mobile app for a fictitious restaurant. Developed with Express,
Angular and Ionic.

📱 **Sandwich Club**
An Android app to help one find and prepare sandwiches

📱 **Photo Gallery**
An Android client for the photo-sharing site Flickr.

📱 **Beat Box**
An Android app for generating musical sounds.