Ali Kashani Software Developer

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Technologies

Languages	JavaScript, Python, Java, PHP, Go, C
Databases	MySQL, SQLite, MongoDB
Operating Systems	Linux, Mac OS X, Windows (7, 8, 10)
Other	Android, Git, Shell, Raspberry Pi, Arduino

Work Experience

Consulting Projects   Software Developer | August 2015 - Present

Bluetooth Rear View Camera | November 2015 - Present

- Developed Android app to view camera feed and take snapshots
- Wrote Python script to inject snapshots with geolocation data
- Technologies used: Android (Java), Python, Shell scripting, Raspberry Pi

Water Meter Leak Detection System | March 2016 - Present

- Python application developed to process data from array of Hall sensors
- GUI developed using Kivy (Python framework)
- Django web app built and integrated with system
- Technologies used: Python, MySQL, Shell scripting, Raspberry Pi

GPS Data Collection and Processing | October 2015

- GPS antenna data collected via Arduino microcontroller
- Data processed by Raspberry Pi, posted to client server with PHP script
- Technologies used: Arduino (C), PHP, Raspberry Pi

Personal Projects

Sale Finding Web Crawler

- Web crawler built with JavaScript to search web pages for keywords
- Formats successful finds in JSON and stores on MongoDB server

TestAmerica, Inc.   Analyst | April 2013 - December 2015

Chemical analysis of water, soil, and oil samples

Education

University of California - Irvine
B.S. Chemistry, June 2012

Irvine Valley College Courses:
Discrete Math I & II, Java Programming, C Programming