Shay Kalyan

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github.com/xShay

Objective

Software Engineer in Development

Profile

Currently I am an undergraduate student at the University of Auckland, undertaking a Bachelor of Engineering specialising in Software Engineering. My passion in technology has placed me in the position I am in today, pursuing the rapidly growing field of Computer Science and Software. I look forward to contributing to the industry and aid in the evolution of our day to day life.

Education

Bachelor of Engineering (Honours), Software Engineering   2012 – 2016 [expected]
The University of Auckland
CGPA: **8.7** / 9.0.

National Certificate of Educational Achievement (NCEA)   2009 – 2011
Otumoetai College
Level 3 with Excellence.

Awards and Certificates

Dean's Honours List   2012, 2013, 2014
University of Auckland
Awarded to the top 5% of Software Engineering students in the academic year.

First in Course Award
University of Auckland
- SOFTENG 370: Operating Systems.
- SOFTENG 325: Software Architecture.
- SOFTENG 306: Software Engineering Design 2.
- COMPSCI 314: Modern Data Communications.
- SOFTENG 206: Software Engineering Design 1.
- ENGGEN 131: Introduction to Engineering Computation and Software Development.

Recent Projects

Pebble Watchface: Trace
Personal Project
Technologies: C Language, Javascript, jQuery Mobile, Pebble SDK 2.0.
- Designed and created a minimalist watchface for the Pebble smartwatch, deployed via the Appstore.
- Over 1,500 unique users of the application.

Android Application: Contacts Now
University Project – Individual
Technologies: Java, SQLite, Android SDK.
- Designed and developed a contact management application for the Android platform.
- Implemented an interactive contact card with additional functionality such as navigating to an address.

Employment

Microsoft
Dec 2014 – Feb 2015

Software Engineering Intern

- Implemented support for dynamically allocating virtual machines for the execution of tests on software builds in a test orchestration system used by customers internal to the company.

Sapphire Solutions Limited
Dec 2013 – Feb 2014

Software Development Intern

- Redesigned, constructed, and deployed the company's website using modern HTML5 and CSS3 standards.
- Increased web presence in competitive online search by applying Search Engine Optimization (SEO).
- Created software tools in C# for internal and external use to assist the operations of the business.
- Prepared client computers for off-site installation.

Target Road Tyres
Jan 2012 – Feb 2013

Administrator / Developer

- Involved in creating a 10 page website to allow the company to showcase thier products and services.
- Implemented standard Search Engine Optimization (SEO) techniques.
- Tasked with administrative responsibilities including managing stock and providing tailored solutions for customers.

Volunteer Work

Software Engineering Students' Association
2015

Part IV Representative

- Assisted in organizing and promoting events hosted by the student led association.
- Provided a friendly and informative communication channel for students to elevate any concerns and provide feedback relating to courses or the university in general.

Peer Support Programme
2011

Student Mentor

- Participated in one-on-one interaction with first year college students to provide mentorship.
- Helped peers adjust to college life by listening to and resolving any academic or social issues they were experiencing.

Skills

Languages

Java
C#
C++
C
Python

Internet Technologies

HTML5 & CSS3
Javascript

Mobile Development

Android

Systems

Windows   XP, 7, 8
Mac OS X   10.9
Linux

Academic Transcript

Available on Request