Ng Si Kai

BLOCK 722 BEDOK RESERVOIR ROAD #03-5152
SINGAPORE 470722
SIKAI.NG@U.NUS.EDU
HTTPS://GITHUB.COM/NGSIKAI
+65 98310024

Objective

Seeking a challenging technical position that utilises skills in my area of competence, enriches my knowledge, and gives me a chance to be part of a team that contributes towards the growth of the organization.

Education

National University of Singapore (NUS)

Bachelor of Computing in Computer Science   Aug 2014 – Current
Cumulative Average Point: 4.22

Leadership: President of Dance group in Residential College, Deputy Director of Academic Liaison Cell, NUS Computing Club

Relevant Coursework: Programming Methodology, Data Structures and Algorithms, Discrete Structures, Operating Systems, Computer Organization, Software Engineering, Linear Algebra, Information Retrieval

Technical Experience

Programming Languages: Java, HTML, CSS, JavaScript, Python

Frameworks: Ruby on Rails, Bootstrap

Software & Other: Git, Travis CI, Gradle, Eclipse

Past Projects

- Developed Flexi-List, a stand-alone task management application as part of a software engineering module. Used the Java Programming Language.
- Developed the admin back-end of Travis, a mobile application that aided business travellers in their planning and workflow as part of Accenture Hackathon 2015. Used PHP and CodeIgniter web framework.
- Together with a partner, developed Choosy, a web application backed by Ruby on Rails which acts as an interactive platform for users to seek second opinions in their everyday decisions.

Employment

Intern Lead Instructor, First Code Academy   *Dec 2015 – Current*
- Taught school children of ages 8-12 app programming using online tool MIT App Inventor, which has a block programming interface and builds into APK files.
- Taught basic hardware circuitry using educational tools MakeyMakey and LittleBits.

Creative Intern, LoveByte Pte Ltd   *Dec 2013 – Mar 2014*

- Developed a responsive website using Bootstrap framework and partook in basic technical maintenance of Rails back-end server operations.
- Involved in both decision-making and actual execution of marketing efforts in the Science Faculty of NUS.