Jenish Koirala

100 Riverbend Dr. West Columbia SC-29169 | (631) 545-1239 | www.jenishkoirala.info |
jenish.koirala@gmail.com | LinkedIn: https://www.linkedin.com/in/jkoirala

OBJECTIVE: To secure a software engineering position in software industry, and utilize my technical skills in various platforms.

EDUCATION:

Bachelors of Science in Computer Science, Minor: Cyber Security
Claflin University-Alice Carson Tisdale Honors College, Orangeburg SC
GPA: 3.85 Graduation: May 07, 2016

SKILLS:
- **Programming:** Java, Python, Perl, R, MySQL, CSS, JavaScript, PHP
- **SDLC Methodologies:** Agile, Waterfall and RUP
- **OS platforms:** Linux OS (Ubuntu, Raspbian), Windows, Mac OS
- **IDEs:** Eclipse, R Studio
- **Languages:** Native Nepali, Fluent in English, Fluent in Hindi

RELEVANT WORK EXPERIENCE:

US Army Reserve Cargo Specialist   **May 2016 - Present**

SIParCS Intern – National Center for Atmospheric Research, Boulder CO   May 2015 - Jun 2015
- Developed a cost-effective cloud storage solution and web portal for observational weather data using Raspberry Pi Bramble
- Presented the project in front of the scientific community working at NCAR (Boulder and Wyoming)

SC-AMP Intern - Claflin University   **Jan 2016 - May 2016**
- Creating a low cost weather prediction platform using Raspberry PI and Machine Learning Algorithms (using Multiple Linear Regression Model)
- Using GLMNET R-package to implement and cross-validate the prediction model

Computer Lab Assistant – Claflin University, Orangeburg SC   **Sep 2013 - Dec 2013**
- Assisted Dr. Ananda Mondal to administer computer Lab assignments and to clarify coding contents to students taking the programming class

Peer Tutor – Claflin University, Orangeburg SC   **Jan 2014-May 2014**
- Helped students at Claflin understand concepts and topics on classes like Intro to Programming, Calculus I & II, and Physics

COMMUNITY SERVICE:

IT Technician – Claflin University, Orangeburg SC   **Nov 2012 to Dec 2016**
- Troubleshooting applications in the following networked environments: Linux, Windows
- Provide maintenance reports, incident reports, and track data Report results and action plan to IT help desk

Teaching Assistant – The Technology Centers, Orangeburg SC   **Feb 2013 to May 2016**
- Helped high school students learn basic programming techniques
- Assembled, configured and programmed robots for different high school level robotics competition

HONORS/AWARDS:
- Commandant's List – Advanced Individual Training US Army
- Honors Recipient – Alice Carson Tisdale Honors College Claflin University
- President's List – Fall 2014-2015
- Participant of VT Hacks: April 18-20, 2014