

Jenish Koirala

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EDUCATION

Claflin University – The Alice Carson Tisdale Honors College
Major: Bachelor of Science in Computer Science
Minor: Cyber Security

Orangeburg, SC
Expected Graduation: May, 2016
Cumulative **GPA: 3.84/4.00**

SKILLS

Programming: Java, Python, Perl, R, SQL Server, CSS, JavaScript, PHP

IDEs: Eclipse, Visual Studio, R Studio, Qt Creator

Languages: Native Nepali, Fluent in English, Fluent in Hindi

OS platforms: Linux OS (Ubuntu, Raspbian), Windows, Mac OS

RELEVANT WORK EXPERIENCE

SIParCS Intern – National Center for Atmospheric Research, Boulder CO (May 2015 to Jun 2015)

- Designed and developed production-level weather stations using Raspberry Pi Bramble.
- Created a Cloud Storage for storing the Observational Weather Data produced by different Weather Sensor Modules.
- Presented the project in front of the scientific community working at NCAR (Boulder and Wyoming)

Bioinformatics Research Assistant – Claflin University, Orangeburg SC (January 2014 to May 2014)

- Researched on identifying a functional module to predict missing links in a protein-protein interaction (PPI) network biomarker.

Computer Lab Assistant – Claflin University, Orangeburg SC (September 2013 to December 2013)

- Assisted students who took programming classes by introducing different intermediate level programming techniques.

Peer Tutor – Claflin University, Orangeburg SC (January 2014 to May 2014)

- Tutored students at Claflin on different courses like Intro to Programming, Calculus I & II, and Physics.

COMMUNITY SERVICE

IT Technician – Claflin University, Orangeburg SC (November 2012 to Present)

- CAT 6E termination
- 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 Present)

- Helped high school students learn basic programming techniques
- Assembled, configured and programmed robots for different high school level robotics competition

LEADERSHIP

• International Students Association	Active Member	August 2013 – Present
• Student Residential Hall Council	Active Member	September 2012 – September 2013
• National Society of Black Engineers (NSBE)	Active Member	May 2014 – Present
• Honors Leadership Seminar Series	Participant	August 2012 – Present

HONORS AND ACTIVITIES

- Alice Carson Tisdale Honors Scholarship
- Rural Sourcing Inc. Hackathon (Built a website for an old medical school)
- Virginia Tech Hackathon (2014)
- Winner of US Embassy-Nepal short movie competition (2012)
- Presidential Honors Award (Fall 2013)
- Deans Honors Award (Fall 2012, Spring 2013)