Tirtha Subedi

101 Chestnut Street, Berea, CPO 1529, KY, 40404 | subedi.tirtha@gmail.com | 502-203-6479 | rajsubedi.com | github.com/tirthasubedi | linkedin.com/in/tirtha-subedi

EDUCATION

Berea College, Berea, KY   **Expected graduation: December 2019**
Bachelor of Arts in Computer & Information Science
Cumulative GPA: 3.7 **| Computer Science GPA**: 3.8 **| Dean's List recipient | Software Developer**
Relevant Coursework:

- Software Design and Implementation
- Theory of Computation
- Database System
- Networking
- Data Structure
- Calculus 1 *and 2*
- Discrete Math

SKILLS

Programming Languages and Framework: Python, JavaScript, PHP, C++, MySQL, HTML, Git, Linux, Flask.

RELEVANT EXPERIENCE

Software Developer   **August 2018-Present**
Computer Science Department, Berea College, Berea, KY

- Responsible for putting together a database for CFA (Community Farm Alliance), a non-profit organization which provides a platform for farmers and landowner to communicate.
- Developing a front end GUI (Graphical User Interface) suitable for the database using JavaScript, react, and PHP to build the complete application.
- Communicate with representatives from CFA to develop the application according to the client's needs.

Programming Teaching Assistant   **August 2018-Present**
Computer Science Department, Berea College, Berea, KY

- Responsible for 30+ students to help them clearly understand their weekly coding projects at computer lap. Making them a better programmer and improve their grade.
- Leading student to technological world by providing better understanding of technology importance.
- Provide students' knowledge about the different aspects within the technological field and how it relates to their major.

Student Computer System Technician   **January 2018-Present**
Berea College, Berea, KY

- Provide technical assistance to 500+ students on a weekly basis by installing, maintaining computer operating systems with hardware and software packages, troubleshooting a variety of computer issues, and setting up computer security measures, so that student can efficiently learn without having any technical issues.
- Team with other students to create software programs for the Berea College IT department to maintain and update campus technology Python, HTML, and CSS.

IT Tech *&* Customer Service Assistant   **March 2016 - July 2018**
Walmart, Louisville, KY

- Solved 600+ customers technical problems and complaints weekly on satisfy customer needs, ensuring increased customer satisfaction and company profitability.
- Resolving mobile services, software installation issues and providing electronics devices info for better understanding.
- Managed operations, delegated and provided customer engagement training for 2+ cashiers.

PROJECTS -more on Github

DNA Strand, Python, 2017
- Implemented program by thinking critically and maintaining the structure of data to deal with bioinformatics for DNA researcher.

Life Path Number Calculator, Python, 2017
- Digitalizing numerically, user information, and employs formulas calculate their simulated life path.

Food Service, Python, HTML, PHP, JAVASCRIPT, CSS, 2017
- Build web app for students to track calories intake by inputting a recipe name. Won 1st place at BC Hacks Hackathon with a team of 4.

UPC Bar Codes, Python, 2017
- Logically designed software to produce unique barcode for different product to increased checkout process standard and faster at the store.

HONORS/AWARDS

- First prize on Hackathon at Berea College.
- Won robotic competition presentation at JeffersonTown High School.
- Full-tuition Scholarship (Berea College).