Tirtha Subedi

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EDUCATION

Berea College, Berea, KY   **Graduated: August 2019**
Bachelor of Arts in Computer & Information Science
Cumulative GPA: 3.7 **|** **Computer Science GPA**: 3.8 **|** **Dean's List recipient**
Relevant Coursework:

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

SKILLS

Programming Languages and Framework: Python, Java 8, JavaScript, Angular 6, TypeScript, NodeJS, PHP, SQL, HTML, Git, Linux, Flask, Sprint Tool.

RELEVANT EXPERIENCE

Software Engineering Intern   **June 2019-August 2019**
UPS Information Technology, Louisville, KY

- Engineered the microservices to NPT (Network Planning Tool), a smart logistics network which applies advanced analytics, artificial intelligence, and operational research to optimize the flow of packages in the UPS network.
- Built UI features and generated reports for efficient delivery of packages using Java (Spring Tools Suite IDE), Angular 6 (VSCode), and SQL (SQL Server Management Studio).
- Worked in an Agile Scrum environment.

Web Development Associate   **January 2019-May 2019**
Marketing & Communication, Berea, KY

- Responsible for designing, coding, and modifying the Berea College website using HTML, JavaScript, CSS, and SQL.
- Maintained and tracked accessibility issues within websites using Siteimprove Tool.
- Added user-friendly design and clear navigation for better interaction with the users, increased traffic 15 percent.

Software Developer   **August 2018-January 2019**
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 landowners 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-May 2019**
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 grades.
- Leading students to technological world by providing a better understanding of technology importance.
- Provide students with knowledge about the different aspects within the technological field and how it relates to their major.

Student Computer System Technician   **January 2018-December 2018**
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 students 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, 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

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

Food Service, Python, HTML, PHP, JAVASCRIPT, CSS, 2017
- Build a web app for students to track calorie 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 barcodes 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.
- Dean's List since 2015.
- Full-tuition scholarship (Berea College).