

BHAWANA KARN

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OBJECTIVE

Grounded and solution-oriented Computer Scientist with wide variety of experiences gained through relevant education, experience, and projects. Adept in motivating self and others. Possess more than 6 months of hands-on experience on Azure DevOps.

PROFESSIONAL EXPERIENCE

- **Software Development Intern** at Advicent, WI (June 2020 – Present) – **Cloud Infrastructure**.
 - Migrated Azure DevOps UI deployment pipelines to a YAML backend declarative code deployment pipelines.
 - Worked daily with the Azure DevOps tool chain to complete CICD.
 - Build and deploy with triggers on the pipelines.
 - Trained closely with a DevOps Engineer to learn concepts and tools including git, PowerShell, canary deployment, branching and tagging, trigger-based deployments, imperative vs declarative code, and so on.
- **IT Asset Management Assistant** at CU Boulder, CO (October 2018 to June 2020)
 - Fulfill software license orders, manage license provisioning requests, and maintain software asset inventory. Use ServiceNow, Microsoft SharePoint, Microsoft Teams, Excel, and third-party SaaS portals to collaborate with team and manage inventory functions.

RELEVANT PROJECTS

- Text difference detector using dynamic programming with each string comparison method in 2D matrix form. [python]
- Analysis and classification of hundreds of movies to perform categorization in specific type according to the genre/*rasa*. [python]
- Complete data model of a company with tables in third normal form for small size company. [MySQL workbench]
- Designed and Developed a web-based application in C++, CCS, JavaScript and html for songs aggregation using Spotify API and working in agile environment.
<https://stereotype3.herokuapp.com/>
- Personal Android O & Java mobile apps: "I am Rich", "I am Poor", BMI calculator, Dice Roll.
- Baseball statistics projection using swagger for API, twitter bot, and prediction calculator.

EDUCATION

B.S. in Computer Science, School of Engineering and Applied Science, Univ of CO at Boulder

GPA: 3.43

Expected Graduation: Spring 2021

Engineering Leadership Program Certification, Univ of CO at Boulder

TECHNICAL SKILLS

Windows, Unix, Linux, Python, C, C++, Assembly, YAML, Azure, HTML, XML, CSS, SQL, Android Studio, MySQL workbench, MongoDB, Git, Jupyter-Notebook, LaTeX, GDB, Figma, Java

ADDITIONAL CAPABILITIES:

- Demonstrated ability to work independently as well as in a team environment. Active listener.
- Able to think out of the box in order to get things done. Attention to detail.
- Excellent written and verbal communication skills and multilingual.
- Strong desire to learn new technologies. Quick and self-learner.

COURSEWORKS

Algorithms, Data Science, Computer Systems, Data System Analysis, Data Structures, Big Data Architecture, Principles of Programming Languages, Data Science Teams, Discrete Structures, Software development methods and tools, Fundamentals of HCI, Linear Algebra, Complex Leadership Challenges, Technical Writing

ACTIVITIES:

- Member of Women in Computing (WiC) in Bold Center at Univ of CO at Boulder
- Member of Nepalese Student Association at Univ of CO at Boulder.
- Dean's List Fall 2018 at Univ of CO at Boulder.