Sujan Shrestha

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(931) 252-6570

Education

Aug. 2014 – May 2018	University of Nebraska at Kearney, Bachelor's degree in Comprehensive Computer Science (CS)
	➢ Cumulative GPA of 3.925/4.00
	➢ Graduated May 2018
Aug.2019– Present	University of Nebraska Lincoln, Master's in Computer science and Engineering

Experience

➢ **Jan 2020 – Present**   **Research Software Engineer** at University of Nebraska Lincoln. Currently, developing a **data simulation and visualization** web application for Department of Agriculture at UNL to help farmers increase the productivity in farming in Nebraska. (Html, jQuery, CSS, D3js, Java, JS, Angular)

➢ **Aug 2019 – Present**   **Graduate Teaching Assistant** at University of Nebraska Lincoln. Teach **C-Programming** and basic Linux commands. Supervised coding sessions for **OS programming**.

➢ **May 2018 – Jan2019**   **Web Software Developer** at "The Buckle". **Refactored legacy codes**, performed spring boot 2 upgrades, wrote several **micro-services**, created **rundeck jobs,** and several MYSQL scripts to interact with the main database, wrote countless Junit tests, moved legacy Z drive storage to **AWS S3**, fixed them, and deployed codes to production, worked heavily on the front-end as well as backend of the company's main website.

➢ **July.2015 – May 2018**   **IT assistant** in the Computer Lab at College of Education at UNK. Learned work ethics, professionalism, communication skills, and punctuality. Learned network managements skills, and configured VM wares for different departments.

Skills

Familiarity with several different Programming Languages and Technologies
➢ **Java** - 6 semesters of coursework + self-projects (available in GitHub – Username: shrestha94sujan)
  – Created **inventory manager** full stack software (Object-Oriented Programming semester project)
  – Currently working on **simulation software for UNL** (https://covercrops.unl.edu/)
  – Created a **Machine Learning model comparison** tool (Machine Learning Hardware project)
  – Developed a **geo-social media website** (Client-Side Web development/Group Project)
➢ **Python –** Developed functional websites with NoSQL database backend (using **Flask, D3Js, Django**)
➢ **C, C#, C++ –** Designed lots of problem-solving codes and wrote a fully **functional unity game in C#**
➢ **Android Programming -** Developed a full fledge android app for (**Nebraska Water Department**)
➢ **MySQL** - Developed many relational databases **for inventory management at UNK**
➢ **Mongo DB** – Developed non-relational databases, wrote several queries
➢ **Proficient in JavaScript, jQuery, CSS, HTML, JSP, Vue.JS, Angular.JS, D3Js, Thyme leaf, Postman, Docker, Rundeck, Jenkins, AWS, Spring boot, Gradle, Maven, Agile development, team player**

Achievements

➢ Proud member in **Honors** Society at Tennessee Technological University. (Jan 2014-May 2014)
➢ Buckle **Excellence Scholarship** recipient for outstanding CS students (2016-2017)
➢ **Awarded Full Scholarship** at University of Nebraska for Undergrad and Grad
➢ **Oracle Certified**, Java SE 8 programmer 2019