Zhihong (George) Li

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Education

Bachelor of Arts, Bennington College, Bennington, *VT – June 2021*
Areas of Study: Computer Science – *GPA: 3.93/4.0*

Relevant Coursework:
Distributed System, Data Structure in C++, Python for Data Science and Machine Learning Bootcamp, Computational Linguistics, Programming Languages, How to Think Like a Data Scientist, Creation of Statistics, Software Engineering for the Liberal and Visual Arts, Full Stack Mobile Artificial Intelligence, Code Crafting, Calculus A, Discrete Mathematics, Number Theory and Cryptology, (Logic, Proof, Algebra, and Set Theory)

Technical Skills

Machine Learning: Neural Networks; Support Vector Machines; Nearest Neighbor; Regression; Clustering
Software and Programming Languages:

- **Strong:** Python (Scikit-Learn, NumPy, Pandas, Seaborn); JavaScript; SQL; PostgreSQL; R; Git; Bootstrap; HTML/CSS
- **Experienced:** C/C++; C#; Swift; Flask; Docker; AWS (EC2, RDS); Keras; TensorFlow, Unity 3D; jQuery; Clojure; ARM Assembly

Operating Systems: Windows; Linux; OS X

Experience

IT Specialist – Bennington College, VT, USA, *January 2020 – February 2020*
• Assist with a range of first-tier support issues, from basic troubleshooting of personal devices to printers to password resets
• Serving as the front-line for all aspects of the Bennington card production process;

Front End/Web Developer Intern – Dandelion School, Beijing, China, *August 2018 – August 2018*
• Developed a more secure and user-friendly website for viewers to know more about the school
• Transferred all the data from an outdated website to the new website ensuring that all information accessible

Projects

Heart Disease Machine Learning Prediction Model – Bennington College, VT, USA, *Spring 2020*
• Analyzed the heart disease data using Pandas and Seaborn to provide researchers a quality data visualization
• Created various machine learning models with Scikit-Learn and TensorFlow to find the best prediction model
• Engineered a python automation algorithm to evaluate a potential ML model ten times to calculate the average model precision

Big Event Countdown Android App – Bennington College, VT, USA, *Fall 2019*
• Built an Android Application to help users to track the countdown of important events
• Incorporated SQLite to handle the backend side of the application in order to record the event data that users entered

Text Spell Checker – Bennington College, VT, *Spring 2019*
• Implemented the trie data structure to efficiently retrieve words from English dictionary for spell checking
• Created an algorithm for users to specify the text file to check conveniently

2D Computer Game in Unity3D – Bennington College, VT, *Spring 2018*
• Designed the foundation of a 2D platformer game using C# for a computer science class.

Other Experience

Academic Mentor – Mount Anthony Union High School, Bennington, VT, *January 2018 - February 2018*
• Assisted students with intensive writing work to get their work ready for program exhibition
• Managed small group tasks ensuing that the students were on track for ensuring accomplishing curriculum requirements
• Worked one-on-one with students requesting extra help in providing writing & editing support

Achievement

Shelby Davis Scholar, IB Bilingual Diploma, Above Average Achievement on the National German Exam

Languages

English (Proficient), Chinese (Native Speaker), German (Elementary Level)