Pawan Subedi

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PROFESSIONAL EXPERIENCE

Hewlett Packard Enterprises, *System Software Engineer,* San Jose, CA   July 2022 - April 2025
- Implemented robust functions that was leveraged by 15 team members that cut the general lengths of scripts by 40% using Python, Pytest
- Worked on system simulation project i.e defining, identifying defects & pushing the limit of the system with the different test cases and automations

Hewlett Packard Enterprises, San Jose, CA   May 2021 - May 2022
- Created a user-friendly GUI that facilitated more than 300 employees in executing specific CLI-based tasks efficiently
- Enhanced web app UI by applying Python, Django, MongoDB, Celery, and Elasticsearch, resulting in the successful achievement of project objectives

Neighbor Marketing, *Software Engineer, Remote*, New York   Apr 2020 – June 2020
- Led a team of 4 to design and develop a property reviews website to impact 250,000+ people using React, JavaScript, and other relevant tools
- Implemented google api to support location, auto-completion, and used firebase authentication for profiles and mailchimp for automated emails and newsletters

SKILLS & INTERESTS

Computer: C++, Python, Java, React, HTML, Java Script, Swift

Tools: Unreal, Unity, pytorch, keras, Django, Git, Docker, OpenCV

Interests: Deep Learning, Reinforcement Learning, Drawing/Painting, Football(Soccer), Photography, Videography

EDUCATION

Texas A&M, College Station, TX   May 2027
Master of Science in Visualization

Augustana University, Sioux Falls, SD   May 2022
Bachelor of Arts, Computer Science and Data Science / Minor: Math   *Cumulative GPA: 3.52/4.00*

PROJECTS

GAN, Generative Adversarial Network   Oct 2023 - Present
- Learning and reproducing different GAN papers i.e Cycle Gan, Style Gan, DC Gan, SRGan;
- Tried achieving similar result as canny edge detector using Gan models and used openCV, pytorch

Sanford Health Hack, Runner Up, Health Memo, *Team Lead/ App Developer*   Sep 2022 - Oct 2022
- Pitched a business plan and prototyped an ios app that helped to keep logs of users health
- Earned Second place and people choice award out of 20 teams winning total of $9000 prize
- Prototyped app using swift, parse, and google api i.e embedded Google's Text-to-Speech and Speech-to-Text feature

Twitter Clone, CodePath Project, *IOS App*   Oct 2020 – Oct 2020
- Created a clone of Twitter using Swift, Storyboard where users could login and stay connected without losing credentials and tweets.
- Implemented features like retweeting, favoriting a tweet, and infinite scrolling for a better user experience.

Sanford Health Hack Runner Up, Pill Buddy, *Team Lead*   Sep 2019 - Oct 2019
- Developed mobile application and presented product pitch, earned second place out of 12 teams and won prize pool of $7000
- Designed a user-friendly interface that allow 5,000+ elderly Sanford patients to check their drug interactions to prevent overdose and help them know less common intersections between drugs

LEADERSHIP & AFFILIATIONS

Augustana Student Association, *Communication Director,* Sioux Falls, SD   Aug 2019 – May 2020
- Led team of 6 responsible for conducting Transparency and increase the visibility of 100+ clubs
- Improved the overall experience of student on student and update the Association website
- Organized 2019 Senate election with a successful participant of 30+ students

CERTIFICATE

- Sequence Models(**Mar 8, 2023),** Convolutional Neural Networks(**Feb 11, 2023),** Structuring Machine Learning Projects(**Jan 6, 2023),** Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization (O**ct 19, 2022),** Neural Networks and Deep Learning (**Sep 23, 2022)**
- Broadway Course Completion (HTML, CSS, JavaScript), **2016**