PUJAN THAPA

✉ thapapujan2@gmail.com
☎ 5622109515
in pujan01/

Skills

PROGRAMMING
Python
C++
Go
C#
ASP.NET
HTML
Java

LANGUAGES:
English
Nepali
Hindi
Spanish

SOFT SKILLS
Agile
Communication
Leadership
Presentation
Team Work
Analysis

Education

Howard University, Washington, DC   Aug. 2017 to May 2021
Bachelors Computer Science 2021
GPA: 4.0
Relevant Courses: Computer Science, Data Structures, Algorithms, Operating System, CyberSecurity, Computer Organization, Discrete Math, Calculus I, II & III, Unix Lab, Tech Writing

Google Tech Exchange Program, Sunnyvale, CA   Jan. 2020 to May 2020
Chosen as one of 40 scholars to live in Silicon Valley, and learn at Google Headquarters for a semester. A domestic exchange program by Google. Took applied computer science courses taught by Google engineers and experts in the field
Courses: Machine Learning, Database Systems, Applied Data Structure, Product Management

Experience

Lyft Inc.   New York, NY
Software Engineering Intern   June 2020 to July 2020
- Designed, developed, and deployed a counter-facet API with state management for shadow policies using Python, Go and Redis
- Identified bugs, added features, improved the functionality of several APIs and deployed in production

GoDaddy Inc.   Kirkland, WA
Software Development Engineer Intern   May 2019 to Aug. 2019
- Developed backend programming logics to implement API controller endpoints using ASP.NET MVC and C#
- Deployed high churn projects to production using Jenkins
- Created an open-source GoDaddy Framework component and added associated Nuget package to a REST API
- Contributed to a migration effort from a legacy system

Phutung Research Institute   Kathmandu, Nepal
Summer Research Assistant   May 2018 to July 2018
- Developed an algorithm for a diagnostic tool to detect early stages of Bronchitis and Emphysema using optical coherence tomography
- Deployed code in MATLAB to develop a mathematical model for signal processing of tomography scans

Projects

GoDaddy Hackathon, Customer Innovation Award   Aug. 2019
- Developed and presented a tool that aggregates all the reviews from different social media business accounts into a single website
- Created a component to fetch data from Google and Yelp Ratings APIs and JSON schema conversion

Bot Detection, Undergraduate Research Assistant   Oct. 2018 to Apr. 2019
- Volunteered in a project to build a tool to analyze large volumes of tweets using natural language processing (NLP) algorithms and summarize them
- Identified patterns of Bot accounts using Python and Botometer API to discard bogus tweets in summary

Google DC Hackathon, Participant   Feb. 2018
- Formulated a group to make a console application using Tensorflow, LSTM and Poloniex APIs to predict the rise and fall of different cryptocurrencies
- Presented the features and functionality of the application in front of 200 participants, Google engineers and judges

Howard Mini-Hackathon, Best Solutions Award   Oct. 2017
- Won the first prize competing against 18 other teams among 80 participants, designing a hotspot sharing app for mobile data
- Responsible for front-end programming, the creation of a revenue model and topic presentation using JavaScript, CSS, and Prezi

Awards

Google LLC · Tech Coding Challenge - 2nd place   Apr. 2020
- Awarded second place among all the HBCUs invited for the coding challenge in Juniors/Seniors category

Tau Beta Pi - DC Alpha Chapter · Tau Beta Pi Scholarship   Apr. 2019
- Recognized for commitment towards this highly selective engineering honor society

College of Engineering, Howard University · Dean's List   Fall 2019
- Recognized for consistent academic excellence during first and second year of college, maintaining 4.0 GPA

Howard University · Founders Scholarship   Aug. 2017
- Full Ride Merit-based Scholarship awarded to the top 1% of the applicant pool worth more than $160,000 for the full course
- Awarded from freshman year and renewed upon Satisfactory Academic progress (3.3 GPA and 30 credit hours per year)

National Delegate, US State Department · Youth Leadership Program   May 2014
- Selected from 1000 applicants to represent Nepal in a three-week extensive cultural exchange and leadership development program in the US
- Devised a community action plan to raise awareness and mitigate issues such as drug abuse and violence against women in Kathmandu