**Oshan Upreti**

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**Education**

**Bachelor of Science in Computer Science**, May 2020 GPA:3.7 (**Statistics** Minor)

*Troy University*, Troy, Alabama

Chancellor’s Award Full Tuition Waived

* **Selected Coursework**: Data Structures and Algorithms, Database Management, Web Development, Mathematical Statistics, Data Communication and Networking, Object-Oriented Programming, Machine Learning, Operating System, Regression Analysis
* Troy Computer Science Club: Active Member Since 2016
* **Hackathons***: GSU 2016, FSU 2017, VandyHacks 2018, VandyHacks 2020, TroyHack 2020 (Winner)*

**Skills**

**Expert:** Java, SQL, Web Applications

**Advanced:** C#, Python, .Net Core, Xamarin, Javascript (jQuery, React, AJAX), Spring

**Intermediate:** R, NoSQL systems, Jenkins, Jira, Scrum, Git

**Experience**

**ALFA Insurance**, Montgomery, Al  
**Software Engineering Intern** 05/2019-07/2019

* Built an AI embedded web-app “Chatbot” to handle First Notice of Loss for Auto-Insurance
* Increased time efficiency by 40% in comparison to traditional form/phone method
* **Skills Used**: .NET/C#, Azure Cognitive Services, Microsoft SQL Server, RESTful APIs, Jenkins, Scrum, Jira

**Troy University**, Troy, Al  
**Computer Science Tutor**, 08/2019-05/2020

* Tutor fellow students in Computer Science/Statistics courses

**Volunteer**, **UStrive**, Present

* Mentor students and assist them with the college application process

**Other Experience**

**Software Development Project “MyRez”** at Troy University 09/2019-11/2019

* Led a team of four to build a cross-platform mobile app using Agile methodologies that eases and assists in day to day housing activities specially designed to use in emergency situations
* **Skills Used:** Xamarin, C#, Express.js, Postgres, Documentation, Project Design, RESTful APIs, Agile Methods

**Demoed Project “ConnectedByBus”** at *VandyHacks 09/2019-09/2019*

* Improvised on the current situation of the bus travel by providing travelers all the possible routes from their source to destination by distance/costs using Dijkstra’s algorithm on current Megabus routes
* Provided more flexibility to travelers by suggesting art centers with reviews using Google APIs to spend time during layovers along with the estimated cost of travel to and from art centers using Lyft API
* **Skills Used**: Web Scraping, Python, Flask, Javascript, Selenium

**Winner Project “The Market”** at TroyHack 01/2020-01/2020

* Led a team of four to create a web platform that would simplify the jobs for farmers and local businesses to sell items
* Applied machine learning to process images using Object-Detection and suggested price after comparing it to other stores and prices from other farmers
* **Skills Used**: TensorFlow, OpenCV, Python, Flask, Javascript, Bootstrap, Geolocation APIs

**Leadership Activities**

*Treasurer*, **Troy Nepalese Student Association**, Troy, Al, 03/2017-03/2018

*Referee*, **Troy Best Robotics,** Troy, Al, 07/2018-09/2018

*Volunteer*, **Earthquake Relief Activities**, St. Xavier’s College, Nepal, 04/2015-05/2015