

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, Experimental Design, Survey Sampling**
- Troy Computer Science Club: Active Member 2016-2020
- **Hackathons:** *GSU 2016, FSU 2017, VandyHacks 2018, VandyHacks 2020, TroyHack 2020 (Winner)*

Skills

Languages: Java, JavaScript, Python, C++, C#, R

Frameworks: Spring, React.js, Node.js, .Net Core, Xamarin

Others: Linux, SQL (MySQL, Postgres, MS SQL), Git, HTML, CSS

Experience

CGI

Troy, AL

Application Support Analyst

Mar 2021 - Present

- Monitor applications, generate reports, and provide support in case of issues.
- **Skills Used:** AWS, Automation, Scripting, SQL, Python, AutoSys, Splunk.

Career Craft Technologies

New Orleans, LA

Java Developer Bootcamp

Oct 2020 – Mar 2021

- Design, debug, and test software upgrades/modifications.
- **Skills Used:** Spring MVC, JavaScript, JUnit, Jira, Scrum.

ALFA Insurance

Montgomery, AL

Software Engineering Intern

May 2019 – July 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

Aug 2019 – May 2020

- Tutored fellow students in Computer Science and Statistics courses.

Projects

Software Development Project “MyRez”

Troy University (Sep 2019 – Nov 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”

VandyHacks (Sep 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”

TroyHack (Jan 2020)

- Led a team of four to create platform that would simplify the jobs for farmers and local businesses to sell items
- **Skills Used:** TensorFlow, OpenCV, Python, Flask, Javascript, Bootstrap, Geolocation APIs.