

Swaminathan Venkateswaran

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EXPERIENCE

Senior Product Manager Intern

May 2022 – Aug 2022

IBM

Remote

- Interacted with key stakeholders on the IBM Cloud Object Storage (IBM COS) team to research, analyze, and provide recommendations to improve the conversion rate of free/lite users to paid clients.
- Leveraged data science methodologies to discover abuse on the IBM COS platform by free users. This was uncovered by visualizing the anomalies of lite users going above the free-cap limit.
- Utilized IBM's suite of product management tools (Amplitude, COGNOS), ran python scripts to pipeline and visualize data, and worked with engineers, designers, and privacy experts to successfully mitigate the abuse.

Technical Writer

July 2021 – Jan 2023

Moveworks

Contract, Remote

- Abstracted intuitive and accessible information from internal client documents to be used as a correspondence between consumers and an AI chatbot.
- Wrote user-facing articles spanning many domains and focused on the semantic structure of the reports for AI chatbot translation.

Data Science Intern

January 2020 – June 2020

ICU Medical

Chennai, India

- Contributed to the project “Combating Alarm Fatigue Using AI - The Quest for Safer Infusion Systems Administration and Monitoring”. This project served as my Capstone (final semester) project.
- Analyzed data gathered from medical hardware devices to develop a machine learning model to help predict and reduce alarm fatigue for clinical workers.

Information Technology Intern

May 2019 – July 2019

NTrust Infotech

Chennai, India

- Assisted in developing a novel text classification algorithm that extracted vital information from commercial lease agreements to categorize different lease types.

PROJECTS AND LEADERSHIP

Data Science Portfolio Project

Aug 2021 - Dec 2021

- Created an online portfolio to take a data-centric view into understanding climate change and global warming.
- Applied Support Vector Machines (SVM), KNN/KMeans, Decision Trees, and Naive Bayes algorithms to predict climate change patterns and visualize climate trends across the world.

VIT Entrepreneurship Club - Vice President of Marketing and Publicity

Feb 2018 - March 2019

- Board member of C.S.E.D: Center for Social Entrepreneurship and Leadership Development.
- Led the marketing team to create growth hacking strategies to surge event publicity. Oversaw all social media analytics to track growth, increase retention, and improve repeat purchase ratio.

EDUCATION

Georgetown University

August 2021 - Graduating May 2023

Masters in Data Science & Analytics, GPA: 4.00/4.00

Washington D.C, USA

- Awarded Third Prize in the 2022 DSAN Returning Student Scholarship competition
- GradGov (Georgetown Graduate Government) co-Director of Events 2022-2023

Vellore Institute of Technology (VIT)

July 2016 – June 2020

Bachelors of Technology in Computer Science Engineering

Vellore, India

- C.S.E.D: Center for Social Entrepreneurship and Leadership Development (VIT Entrepreneurship Club) - Vice President of Marketing and Publicity 2018 - 2019

TECHNICAL SKILLS

Core Competency: Product Management, Data Science, Data Analytics, Data Visualization, Machine Learning

Languages: Python, R, SQL, Java, MATLAB, JavaScript, HTML/CSS

Softwares/Tools: Anaconda, Amplitude, Cognos, Microsoft Power BI, Tableau, RStudio, Microsoft Visual Studio

Other: Microsoft Suite, Google Suite, Canva, Unfold, L^AT_EX