EDIL CHRISTIAN

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EDUCATION

Rutgers University   New Brunswick, NJ
Master of Science in Computer Science   *2021 – Present*
Gujarat Technological University   Ahmedabad, India
Bachelor of Engineering in Computer Engineering; GPA: 3.6 (8.8/10)   *2016 - 2020*

TECHNICAL SKILLS

Languages and Databases: Java, Python, JavaScript, C, C++, MySQL, MongoDB
Tools and Technologies: Flask, Django, Hibernate, SpringBoot, Docker, Kubernetes, EC2, RDS, S3, Lambda, API Gateway

EXPERIENCE

Simulmedia   New York City, USA
Software Engineering Intern (DevOps team)   *2022*
- Provided functionality for accessing and querying **AWS Cloudwatch Logs** from **4 different clusters** for Gaming team
- Integrated **Python** scripts for accessing more than **50 real-time logs** per minute inside the ECS Manager using **Jenkins**
- Adhered to 5+ coding principles of Object Oriented Programming and Domain Driven Design

Accenture   Mumbai, India
Software Development Associate   *2020-2021*
- Carried out application development in **Java** by coordinating in a team of 7 people
- Represented the client resources by implementing **REST API** and **testing API performance** metrics every **3** hours
- Integrated the **3 MVC** components with business services by using **Spring framework**
- Configured **dependencies** in Spring Boot and performed data manipulation on 2 repositories using **MySQL**

SoftVan   Ahmedabad, India
Research Intern   *2019*
- Performed analysis using **3 Machine Learning algorithms**: Linear Regression, Naïve Bayes, SVM
- Executed 2 Computer Vision tasks: Facial Recognition and **Object Detection** using **OpenCV**

PROJECTS

Wildfire Tracker Map | *React, JavaScript, NASA EONET API, Google Maps API, HTML, CSS, Vercel*
- Fetched wildfire data of all **50 states** from NASA EONET API and used Iconify library to visualize the fires
- Tracked **100+ locations** on a webapp using the maps library in React and the Google Maps API

BTS on Gaon Music Chart | *Python, Plotly, Streamlit, Kaggle*
- Collected weekly data of 'Map of The Soul:7' album **for 52 weeks** and converted it into a Kaggle dataset.
- Analyzed the trends of **top 200 songs** in South Korean music market by performing data visualization in Plotly, Python
- Created a web app using Streamlit and received more than **2500 views** on the post.

Person Re-Identification for Video Surveillance | *OpenCV, Python, TensorFlow, Faster R-CNN, Java, Spring Boot*
- Generated **128-dimensional vector** of the image using Person Detection and passed it to Resnet
- Checked the performance of the network on the state-of-the-art datasets Market-1501 and CUHK03
- Designed a web application using Spring Boot for day-to-day real-time video **analysis every 1 hour**

Image Compression and Thumbnail Generation using AWS services | *Java, Spring Boot AWS, Microservices, Lambda*
- Implemented AWS EC2 instance for hosting a SAAS application to run on remote server
- Managed access of S3 bucket
- Compressed images and **generated 200 thumbnails** using Lambda functions
- Deployed RDS to store image database of more than **15 users**

CERTIFICATION

Microsoft Technology Associate (MTA): Software Development Fundamentals