Shishir Jakati

Software Development Engineer

Email: shishir.jakati98@gmail.com / Phone: (857) 272 0488

Experience

Amazon – (Alexa AI) / Software Development Engineer

March 2020 - Present, Boston, MA

- Designed and architected automated question content classification workflow using Transformers (NLP) model, enabling 10x increase in moderation volume.
- Established new Java microservice for content moderation of user generated content using AWS Lambda and DynamoDB providing pathway for migration from monolithic codebase.
- *Relevant Skills:* **Java, Python, Pandas, PyTorch, AWS: Lambda, DynamoDB, Opensearch, Cloudformation, Cloudwatch**

Red Hat / Software Engineering Intern

May 2019 - August 2019, Westford, MA

- Developed Helm2Go-Operator-SDK, an open source tool written in Go, incorporating feedback from both internal stakeholders and external (open source) contributors.
- *Relevant Skills:* **Golang, Linux, Kubernetes, OpenShift, Docker, GitHub, Open Source**

Eagle Investment Systems / Software Engineering Intern

June 2018 - August 2018, Wellesley, MA

- Visualized production firewall data to detect anomalies and misconfigured infrastructure.
- *Relevant Skills:* **Python, Pandas, ELK Stack (Elasticsearch)**

Education

University of Massachusetts Amherst / Bachelor of Science

September 2016 - December 2019, Amherst, MA

- GPA: 3.75 / 4.00
    - Double Major in Computer Science and Mathematics
    - Dean's List Awarded All Semesters

Projects

Dilated ResNets for Small Character Recognition / Undergrad Honors Thesis

June 2018 - August 2018, Wellesley, MA

- Created model architecture using skip connected residual networks (ResNets), coupled with dilated convolution heads to discern whether a larger receptive field aids in detecting characters from their background.
- *Relevant Skills:* **Python, Tensorflow, Pandas, Machine Learning**