

Vismaya Veeramanju Kalyan

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EDUCATION

2018-2020	ILLINOIS INSTITUTE OF TECHNOLOGY	Chicago, Illinois
	Master of Computer Science (Received a Graduate Pathway Scholarship), GPA 3.77 Course work: Web Applications, Data Mining, Big Data	
2013-2017	SJB INSTITUTE OF TECHNOLOGY	Bangalore, India
	Bachelor of Engineering in Computer Science and Engineering.	

SKILLS

Intermediate : Python, Java, JavaScript, HTML, CSS, MySQL, Mongo DB, Django, Git, Linux

Beginner : Docker, AWS EC2, Amazon EMR, S3, Hadoop, spark

EXPERIENCE

Blocklight, 1871 Chicago, Illinois

Full Stack Developer Intern (Jun19-Aug19)

- Implemented custom modules in python using the Django framework to connect to third-party APIs like Facebook Insights API, Instagram API and ShipStation API.
- Built and maintained data pipelines between front-end analytics dashboard and the backend MySQL database.
- Contributed to fixing critical bugs which stabilized the platform to resume onboarding beta users and worked on new issues encountered. This aided in successfully sourcing funding at the end of the summer.
- Integrated new features and generated new business metrics to the dashboard which helped the company successfully complete a Silicon Valley accelerator program with Unbank.Ventures.

Rx Digi Health Platform Pvt. Ltd Bangalore, India

Software Developer (Dec17- Jun18)

- Implemented an interface to handle input from a wireless Bluetooth controller and process a video feed accordingly in a low vision aid application that uses smartphone-based VR. (Android, JAVA)
- Developed an android application to remotely control a vision screener app.

Intern (Jan17 - Jul17)

- Retrained inception v3 using TensorFlow to recognize 7 segment digits. Developed an android app which captures the image of devices, processes it using OpenCV and uses the trained model to get the reading. (Python, Java)

PROJECTS

- Designed a servlet-based web application where customers can place orders, receive email conformation, write reviews and managers can manage their inventory. (StubHub API, Java, MySQL, MongoDB, JavaMail)
- Developed and deployed a REST API to fetch posts scraped from theawkwadyeti (Django, REST, Sqlite3) - [Project Link](#).
- Collected data, performed analysis and supervised classification to annotate tweets with their usernames. (Twitter API , Python, logistic regression)
- Built a program to detect and localize potholes in pavement images using Histogram of Oriented Gradients and contour detection. (OpenCV, Python)
- PUBLICATION "A comprehensive review on traffic prediction for Intelligent Transport Systems" IEEE (ICRAECT) - [link](#)