

Vismaya Veeramanju Kalyan

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EDUCATION

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|-----------|--|-------------------|
| 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 modules in python using Django to connect to third-party APIs like Facebook Insights, Instagram and ShipStation which presented social analytics and increased the number of metrics on the platform
- Fixed critical bugs in the dashboard, improving user experience and helped Blocklight graduate from the Silicon Valley accelerator program with Unbank.Ventures
- Verified and documented the behavior of celery tasks in relation to state updates in the MySQL database
- Helped build changes based on product feedback from the beta testing community leading to onboarding more beta users and eventually source funding at the end of the summer

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 theawkwardyeti (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](#)