Josh Fernandes

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EDUCATION

Georgia Institute of Technology - 3.60 GPA

Bachelor of Science in Computer Science *Aug. 2019 – Dec 2023*

EXPERIENCE

Software Engineering Intern May. 2022 – August 2022

Pinterest *San Francisco, US*
- Built Jupyter report to dynamically identify top users of the reward program based on different metrics
- Designed dataflow to allow both online and offline fetching of this data

Software Engineering Intern May. 2021 – July 2021

Intuit *Remote, US*
- Built data manager to automatically remove sensitive log-in information from databases
- Added new features to internal ordering system to improve usability

Junior Software Developer Aug. 2020 – Dec. 2020

York NHS Hospital Trust *York, UK*
- Created application for medical examiners to record autopsy information
- Designed PL SQL packages to collate patient information into concise documents for doctors

Data Analyst Intern May. 2020 – Aug. 2020

US Xpress Inc *Remote, US*
- Investigated large data-sets and identified problematic regions
- Theorized and presented reasons for trucking inefficiency
- Presented solution to save company 8000 miles of driving time each week

Software Engineer Aug. 2018 – July. 2019

Starleaf *Watford, UK*
- Worked on the cross-functional team building the internal cloud monitoring tool
- Created a metrics dashboard that allowed the Operations team to identify high usage hours and clients.
- Built a notification system that enabled the customer success team to find potentially churning customers

Junior Developer Intern Aug. 2016 – Sep. 2016

York NHS Trust Hospital *York, UK*
- Created the database schema for the new staff vaccination system, system has been used over four thousand times since deployment

PROJECTS

Patient SMS | *Python, Django, Bootstrap, PostgreSQL, Heroku, Twilio* July 2020 – September 2020
- Built web application for York NHS Hospital to demo the use of an automated messaging service
- Used Twilio and Python logic to automate responses to patients
- Patient responses and information is presented for doctors on a dashboard
- Viewable here https://patient-sms.herokuapp.com/

Easy Notes | *Python, Django, Javascript, MongoDB, ML, NLP* February 2020 – June 2020
- Built web application to turn lecture audio into readable notes
- Implemented abstractive summarization to shorten transcripts
- Analyzed text using different NLP techniques and Azure's API
- Used Celery and Redis to run background-tasks to improve the experience for users

TECHNICAL SKILLS

Languages: Python, SQL, Java, JavaScript, HTML/CSS
Frameworks: React, Django, Bootstrap
Developer Tools: Git, Google Cloud Platform, AWS, Jira, Bash
Libraries: Pandas, NumPy, Scikit-learn, Selenium, Celery