KAYLA IPPONGI

kaylaipp.github.io - kaylasippongi@gmail.com - linkedin.com/in/kaylaipp

M.S, ARTIFICIAL INTELLIGENCE

Johns Hopkins University | Baltimore, MD   Expected Fall 2023

Part-time Master's program

B.A, COMPUTER SCIENCE

Boston University | Boston, MA   01/2016 – 05/2019

Relevant Coursework: Artificial Intelligence, Data Science in R, Linear Algebra, Data Mining, Computer Systems, Data Mechanics, Data Science in Python, Data Structures & Algorithms, Concepts of Programming Languages, Computer Graphics

Work experience

SOFWARE ENGINEER

Wayfair | Boston, Massachusetts   7/2019 – 2/2020

- Implemented multivariate and A/B feature tests for Wayfair and it's three partner sites, leveraging our lead image algorithm, to determine best images across 20 different product classes in preparation for the company's largest sale day
- Worked cross-functionally with other engineering teams to remove dependencies on our service and cutover 4 other teams to our new API. Contributed to our team's API that services all product option data on website.
- Decoupled backend logic of product option data that service all option data for the thousands of live products by modifying and optimizing several SQL stored procedures
- Developed front-end features to improve user experience on product detail pages and wrote unit tests and bug fixes utilizing ReactJS, PHP, GraphQL and SQL

DEVOPS DEVELOPER INTERN

IBM Cloud | Dallas, Texas   05/2018 – 07/2018

- Developed and deployed a REST API for the cloud security team to help optimize Kubernetes port lookup process for internal services running
- Built utilizing Python Kubernetes client, Flask, Kubernetes, Docker and Minikube

SOFTWARE ENGINEER INTERN

CompanyWide | Boston, Massachusetts   01/2018 –05/2018

- Created and implemented the back end and front end of company sales dashboard for cohort of incoming sales representatives that tracked revenue, customers and sales
- Collaborated with the business team to build and redesign features to improve user accessibility with Meteor, JavaScript, HTML, Handlebars and MongoDB

Skills

LANGUAGES

Python, JavaScript, PHP, Java, SQL, R, HTML, CSS

FRAMEWORKS

ReactJS, GraphQL, Redux, Git, Jest, Flask, OpenGL, Django, Meteor

PROJECTS

Lyric NLP Sentiment Analysis: Sentiment lyric analysis with Spotify, Genius & IBM NLP Watson (Try it here)

ASL Gesture Recognition: Basic ASL gesture recognition with OpenCV and Python (GitHub)