Divya Mohan

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Contact

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Education

Carnegie Mellon University
B.S. Information Systems
& Human Computer Interaction
May 2018
GPA 3.73

University of Westminster
London, UK
Sept 2016 - Dec 2016

Skills

Technical

Ruby on Rails	Python	Java
Django	Scikit-Learn	OOP
HTML	MapReduce	SQL
CSS		UML
JavaScript		

UI/UX

Wireframing	Illustrator
Affinity Diagramming	InDesign
Storyboarding	

Experience

Slack // Front End Engineer // Present
Yet to find out what I'll be doing here but it'll be good I think.

HCII Connected Experience Lab // Research Assistant // Present
Full stack developer on an application that provides career advice through aggregating data from publicly available resumes and presenting the user potential career trajectories. Built using Django and MySQL.

Carnegie Mellon University // Teaching Assistant // Spring 2017
TA for 67-364: Practical Data Science and 67-272: Application Design and Development. Assisted with grading, holding office hours, and running weekly labs.

Workday // Application Developer Intern // Summer 2016
Built Agile reporting application with Ruby on Rails to automate data consolidation from JIRA and make information more accessible on a management level.

Kaiser Permanente // Data Scientist Intern // Summer 2015
Assisted in the utilization of the RDF data model and semantic web technologies in order to optimize querying and improve reporting of health care performance measures. Modeled data as HL7 RIM classes to be used as a standard in building RDF triples.

HCII ArticuLab // Research Assistant // Spring 2014
Research Assistant for the Rapport Project. Investigated nonverbal and verbal behaviors of two partners in a conversation setting in the context of rapport. Annotated video footage to record participants' smile, gaze, pitch, and verbal content to serve as guidelines for virtual human design.

Projects

Extracting Biometrics From Video // Software Development Project
Built UI that allows anyone with a computer webcam to obtain their own heart rate by recording a video to be processed by our client's technology.

A&M Creamery Web Application // Chili Pepper Award Winner
Full front and back-end implementation of an employee and store management system for the fictitious A&M Creamery. Built with Ruby on Rails.

Airbnb Database // Term Project
Identified user stories, designed UML model, defined normalized relational schema, and created a database for the Airbnb business model using PostgreSQL. Wrote queries to realize the user stories using SQL and psycopg2.

Johnson & Johnson // Case Competition
Developed the proof of concept to make social listening and data analytics at Johnson & Johnson more timely and actionable. Produced high fidelity mock-ups of a real time dashboard to present updates on consumer trends.