

Deepankar Malhan

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EXPERIENCE

Optum, Boston, MA | optum.com

TDP Intern, June to August 2017

- Created multiple prototypes for various projects using *ReactJS* with multiple reiterations through feedback of our UI designer
- Built multiple *HQL scripts* to get data from legacy mainframe databases to a data lake
- Researched and optimized *Spark jobs* that ran after the *HQL scripts* to put data into *ElasticSearch*

ESPN, Bristol, CT | espn.com

Software Engineer Intern, August to December 2016

- Researched and built APIs which enabled team's applications to utilize *ElasticSearch* for storage
- Created a search suggestions component for WatchESPN's redesigned website
- Optimized the algorithms used to present suggestions to the end user

VOLUNTEER EXPERIENCE

Google's igniteCS, New Britain, CT | January 2016 to August 2017 | ignitecs.withgoogle.com

- Coordinated events with a local group comprising of 30 middle school girls (*Sisters in Science*)
- A mentor who was assigned one mentee to help and teach programming using *GoPiGo* robots
- Did regular outreach on campus to get more mentors for the program

PROJECTS

Food Diary Website | April to May 2017 | fd-website.herokuapp.com

- Created a fully functional website that keeps logs of food eaten throughout the day, and nutrients received, on a daily/weekly/monthly basis
- Created a *RESTful API* so that a C application running on a *Raspberry Pi* could talk with, and update info, on the website

Time-lapse Generator | August to December 2016

- Added several features to the application which changed the way photos were processed
- Conducted *Junit* tests, and added documentation for parts of the application

SKILLS

Tools: Atom, Spring Tool Suite, Eclipse, Android Studio, LISA, Heroku, Git

Technical: Java, Spring, Node.JS, ReactJS, C, ElasticSearch, MongoDB, ExpressJS, HQL, Scala

Spoken Languages: English, Hindi

EDUCATION

Central Connecticut State University | May 2018

- B.S. in Computer Science with Honors | GPA: 3.1
- Dean's List (Fall 2014), Alpha Lambda Delta member (Inducted 2015)
- *President*, Computer Science Club | August 2016 to August 2017