

DEVANSH DESAI

✉ devanshdesai@pitt.edu

🌐 devanshdesai.com

☎ (610) 657-4798

📍 Pittsburgh, PA

in devanshdesai

🔗 devanshdesai

Skills

LANGUAGES

Python

Java

JavaScript

HTML

CSS

C

MATLAB

R

LIBRARIES & FRAMEWORKS

Bootstrap

Ext JS

Github Electron

jQuery

Vue.js

TOOLS

Git

Elasticsearch

AWS Lambda

AWS Kinesis

AWS S3

DATABASES

SQL Server

Oracle

MySQL

SQLite

Education

University of Pittsburgh

Bachelor of Science Computer Science 2017

Employment

Amazon.com

Software Development Engineer Intern

Seattle, WA

May 2017 - Aug 2017

- Worked on the Search team and created and implemented a system to stream, store, and search through 150 TB of weekly logs associated with all of the search queries on Amazon.com
- Cut down on-call debugging time searching through logs from hours to minutes
- Using AWS tools such as Kinesis, S3, Lambda, and Elasticsearch Service, the system was horizontally scalable, allowing for more logs to be streamed and stored, seamlessly, with little maintenance required

Advanced Data Management Technologies Laboratory

Undergraduate Researcher

Pittsburgh, PA

Sep 2016 - Present

- Implemented a self-guided campus tour web application for the University of Pittsburgh using Bluetooth beacons
- Created the application to guide prospective students through campus with a campus tour using the beacons while current students can get information such as availability of computer labs, laundry machines, and classrooms in the buildings

FTI Consulting

Software Engineering Intern

Pittsburgh, PA

May 2016 - Aug 2016

- Implemented an administration dashboard and accessibility features within Ringtail 8, FTI Technology's e-discovery platform
- Developed features across the stack on an agile team in SQL Server, middle-tier C#, and in the front-end ExtJS MVC framework

Guardian Life Insurance Company of America

Web Development Intern

Bethlehem, PA

May 2015 - Aug 2015

- Recreated an intranet for 150+ customer service representatives to quickly and intuitively access customer data, procedures, and guidelines while on the phone with customers.
- Used HTML, CSS, jQuery, PHP, and SQL Server

Projects

Kobuki Robot

- Worked on a robot connected to a Kinect to make it move, recognize and shoot a soccer ball into a randomly-located goal, detect multi-color patterns, and use the Google Speech Recognition API and Spotify API to use voice recognition to play the user's desired music
- Used Python and the OpenCV library

ReddiTray

- Developed a desktop application for macOS, Windows 8+, and Linux to notify users of new Reddit private messages and comments
- Utilized the Github Electron framework, Vue.js, Bootstrap, and the Reddit API

Web Design

- Designed and developed websites for Dhirana, a non-profit organization at the University of Pittsburgh, Two Windsor Plaza, Allenwood Motel, and my personal website
- Implemented the latest SEO techniques for maximum site viewership

Activities

Pitt Dhirana · Design Chair

Aug 2014 - Present

Dhirana is a non-profit Indian classical dance competition hosted every February. I created the dhirana.com website, flyers, logos, and over 10 promotional videos for the event, three years straight. The websites and videos combined have accumulated 25k+ views each year.