


# Niharika Dalal

Seeking internship opportunities for **Summer 2019**.

 A software engineer passionate about front-end development, UI/UX and interaction design.

## CONTACT

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## TOOLS & LANGUAGES

HTML / CSS

JavaScript

JQuery

React

Angular

Python

Java

Photoshop

Illustrator GIMP

Inkscape

Dreamweaver

## LINKS

**Personal Website**

<http://niharikadalal.me/>

**Portfolio**

<https://goo.gl/NCzdQK>

**LinkedIn**

<https://www.linkedin.com/in/niharikadalal>

## EXTRACURRICULAR

Involved as a part of the Digital Creative team of a college festival, as a graphic designer.

Volunteered at an event motivating women to join STEM fields.

Participated in a hackathon organized by Rochester Institute of Technology.

Executive member of Social Impact, a committee which organized blood donation drives and encouraged students to teach at not-for-profit organizations.

## EDUCATION

**Rochester Institute of Technology**, Rochester, New York

— *Masters in Software Engineering*

AUG '17- (EXPECTED) DEC '19

- Relevant Courses: Information & Interaction Design, Engineering Accessible Software, Foundations of Software Engineering, Research Methods, Software Modeling, Software Quality Engineering, Process Engineering  
- GPA: 3.83/4.00

**Udacity**

— *Online Course*

- Human Computer Interaction

**Narsee Monjee Institute of Management Studies**, Mumbai, India

— *Bachelors in Computer Engineering*

JUL '13- MAY '17

- Relevant Courses: Fundamentals of Web Technologies, Object-Oriented Software Engineering

## EXPERIENCE

**Alstom (Signaling)**, Rochester, New York

— *Software Developer Co-op*

MAY '18- DEC '18

- Working with company tools and simulators to assist with railway signaling solutions.  
- Writing code in Visual Basic to generate database facts used to create application logic boolean equations.  
- Drafting railway track layouts in AutoCAD to generate route information.

**Rochester Institute of Technology**, Rochester, New York

— *Graduate Assistant*

AUG '17- MAY '18

- Assisted a professor in his research project on developing visual analytics for a software team using data mining and Natural Language Processing.  
- Created a tool to extract a relay chat data from the web browser. The algorithm analyzed the data, classified each word from the relay chat into eight categories of human emotions. and displayed the result as a visualization of the different frequencies of emotions in the relay chat, in the form of a graph.

**Hindustan Petroleum Corporation Limited (HPCL)**, Mumbai, India

— *Information Technology Summer Trainee*

MAY '16- JUN '16

- Worked on front-end development with Dreamweaver; designed responsive and adaptive webpages for the website of HPCL, participated in development of the Indian Institute of Petroleum and Energy website.  
- Led a team of four, took initiative to present and explain the work done to the senior members on the project.

## PROJECT

**Visualization Tool for Sentiment Analysis**

- Developed a tool to analyze and visualize sentiments from textual data.  
- Extracted data from a relay chat data using BeautifulSoup (a Python library), used an emotion lexicon, and created the visualization tool using D3.js.