

Niharika Dalal

Seeking internship opportunities for **Summer 2019**.



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

CONTACT

Rochester, New York 14623
+1(585)729-3306
nrd8504@g.rit.edu
<https://niharika95.github.io>

LINKS

Portfolio

<https://goo.gl/NCzdQK>

LinkedIn

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

TOOLS & LANGUAGES

HTML / CSS	JavaScript
JQuery	ReactNative
ReactJS	Angular
Java	Python
Adobe XD	Photoshop
Illustrator	Figma
GIMP	Dreamweaver

EXTRACURRICULAR

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

Certified Microsoft Technology Associate on Software Development Fundamentals.

Completed a certified course on 'Object Oriented Programming using C#'.

Volunteered at an event motivating women to join STEM fields.

Participated in a hackathon organized by Rochester Institute of Technology.

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

— *Master of Science in Software Engineering*

AUG '17- (EXPECTED) DEC '19

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

Udacity

— *Online Course*

- Human Computer Interaction (Design Principles and Heuristics, Requirements Gathering, Prototyping, Evaluation)

Narsee Monjee Institute of Management Studies, Mumbai, India

— *Bachelor of Technology 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

Listener (Current) - Group Project

- Designing a mobile app, for hard-of-hearing students in a team meeting scenario, which will convert speech to text and support transcribing speech of multiple speakers; so as to provide them an equal opportunity to contribute in the discussion. It will also contain quick buttons such as 'Question', 'Slow Down', 'Agree' and 'Disagree' which will help the hard-of-hearing student to raise an issue inbetween a discussion.
- Process: Interviews, brainstorming ideas, scenario building, persona creation, lo-fi and hi-fi prototyping.

Rolodex (Current)

- Developing a React Native App that scans qr codes to store contact information directly to the phone contacts, to reduce the efforts to enter the information manually.
- Features include, scanning QR codes, saving data to phone contacts, displaying list of contacts scanned, and showing the user's own contact information.

BudgetMe

- Created a React Native app which helps keep track of monthly expenses.
- It provides the functionality to input the date, amount and description of purchase made. Specific purchase records can also be deleted from the history of purchases.

The Wegmans' Assistant - Group Project

- Built an application allowing users to interact using text or speech with the Google Assistant to search for availability of a specific product sold by Wegmans at a store nearest to the user.
- Technologies used were Wegmans' API, Google Cloud Platform, Google Assistant, nodeJS, JavaScript.