Niral Patel

EDUCATION

University of California, San Diego
Sept 2015 - June 2019

B.S. Computer Science

Relevant Coursework:

- Discrete Mathematics
- Basic Data Structures and Object Oriented Design (OOP)
- Computer Organization and System Programming
- Software Engineering Project Class
- Advanced Data Structures

SKILLS

Programming: Java, C/C++, Python, SPARC Assembly
WebDev/MobileDev: HTML/CSS, JavaScript, AngularJS, Bootstrap, Android Developement
Design: Adobe Illustrator, Photoshop, InVision, Figma

PROJECTS

Fenty Display
August 2017 - Sept 2017

Personal Project

- Used AngularJS to build a website displaying Rihanna's new Fenty Beauty line
- Emulated a shopping website with "Leave a Review" and "Add to Cart" features
- Designed with Illustrator, and implemented with CSS and Twitter Bootstrap

What's That Food
Jan 2016 - March 2016

Software Engineering course

- Used Photoshop and InVision to prototype 3 iterations of the android application
- Communicated with a team of 10 regarding functionality and flow of the app
- Presented our product to over 400 people and produced 50+ pages of artifacts

100 Days Challenge
August 2017 - Present

Personal Project

- Designed a random element given a promt daily
- Used Figma and Illustrator to mockup app icons, prototype log-in pages, and more
- Studied design practices and techniques on Medium, Twitter, and YouTube to improve my own

LEADERSHIP

Design Chair
April 2016 - Present

UCSD Computer Science and Engineering Society (CSES)

- Worked closely with P/VP and events to create graphics for the face of CSES throughout the year
- Used Illustrator and Figma to design website, design banners, posters, and snapfilters for events
- Worked with Technical Chair on website using GitHub and AngularJS

Computer Science Tutor and Mentor
July 2016 - Sept 2016

UCSD Summer Program for Incoming Students (SPIS)

- Taught the foundations of computer science to 52 incoming university students with no prior coding experience, of which 47 continued into Computer Science
- Directly instructed 8 students in Python and algorithmic problem solving
- Used tools such as GitHub, MongoDB, and RaspberryPi to develop student projects