

Nikhil Patel

Computer Science Student

Seeking full-time work in the software engineering environment. Please visit my website for more information about me, and projects.

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WORK EXPERIENCE

Software Developer Intern

OSI Laser Diode

05/2017 – 08/2017

Edison, NJ

Achievements/Tasks

- Created a program (GUI) to operate data on a back-end database that stored employee information and procedures trained to each employee.

Ying Wu College of Computing Tutor

NJIT ACM

09/2018 – Present

Newark, NJ

Achievements/Tasks

- Computer Science Tutor for various CS classes. Guiding students through their homework assignments and projects.

Project Manager

ScanAvert LLC

02/2019 – Present

Newark, NJ

Health and Safety Application

Achievements/Tasks

- Leading 2 teams of 4 students each, to revamp an old application as one project and create a recall feature within the application as another project.
- Using React Native, AWS, various government API's, python

Contact: <http://www.scanavert.com/>

EDUCATION

Bachelor of Science

New Jersey Institute of Technology

09/2016 – Present

Newark, NJ

GPA: 3.36/4.0

- Majors: Computer Science and Engineering Technology
- Dual Bachelor degree student
- Expected Graduation Date May 2019
- Courses: Intensive Programming in Linux, Database System Design and Management, Guided Design in Software Engineering, Intensive Programming Practicum, Computer Organization and Architecture, Advanced Data Structure and Algorithms

SKILLS

Python

C

C++

Java

MySQL

PHP

HTML5

CSS3

Django Rest Framework

JavaScript

BASH

Visual Basics

C#

Unity

PROJECTS

OSI Laser Diode (05/2017 – 08/2017)

- Created a program using an SQL Database and Python 3.6 for the company with very specific needs to organize employee information and keep track of each task an employee has training in.

Tell me the Drink (HACK NJIT hackathon, Winner Best Project Picked by Optum) (11/2018 – 11/2018)

- Created using Javascript, HTML, PHP for frontend, and SQL, clarifai api, Google cloud service, Python Django for backend.
- <https://devpost.com/software/tell-me-the-drink>

Online Grading Platform (09/2018 – 12/2018)

- Developed a website to grade Python programs, my role was Middle-end
- Front-end made using HTML, JavaScript, PHP (takes input from the user)
- Middle-end made using PHP (relaying information between the front and back end, also has the auto-grading algorithm)
- Back-end made using SQL, PHP (storing data like python code, answers, and questions)

Global Game Jam (01/2019 – 01/2019)

- 48-hour event to create a game, Escape the Orphanage
- I was part of the coding team, where we created a 2D platform game.
- Made using Unity, C#, and custom art.
- Source files and executable files can be found in the link below
- <https://globalgamejam.org/2019/games/escape-orphanage>

UrRecalls Mobile App (02/2019 – Present)

- UrRecalls is a recall app, recalls tailored for you.
- User can search product and get recall information on food, drugs, goods, and vehicles
- Made using: React Native, PHP, Django, MySQL

ScanAvert Mobile App (02/2019 – Present)

- Shopping app where users can enter their dietary information then scan food products to determine if the product fits their diet. If not, it suggests similar products that do fit their diet.
- Made using: React Native, PHP, MySQL