

UJJWAL RATHORE

Chesterfield, NJ

732-306-5996 | ujjwalrathore@icloud.com

www.ujjwalrathore.com

EDUCATION

New Jersey Institute of Technology — Newark College of Engineering

Expected May 2023

Bachelor of Science in **Computer Engineering**

Deans List: Spring 2020 | GPA: 3.3/4

- Relevant Courses: Computer Systems and Architecture, Data Structures, Electricity and Magnetism, Differential Equations, Fundamentals of Engineering Design

PROJECTS

Movie Finder

- Constructed a Java program to help users find top rated movies based on their input on factors such as genre, year of release, and minimum number of reviews
- The application scans through the Internet Movie Database (IMDB) which is imported as a CSV file and provides top rated movies to the user based on their search criteria

Object Remover

- Application that removes unwanted dark objects from images (ex. removing a bird from a scenic photo)
- This Java program imports images from a given directory and compares individual pixels across the series. When comparing pixels, darker pixels are identified and removed. Once these pixels are removed, the series of images is combined to present a new image with the unwanted object withdrawn

www.ujjwalrathore.com

- Implemented a personal website by creating the front-end from scratch using HTML
- Configured the website to be hosted on Amazon Web Services S3 and Route 53
- Features personal photography and originally curated articles on topics of interest such as cars

WORK EXPERIENCE

Freelance Writer

www.bmwblog.com

BMW BLOG

January 2020 - Present

- Authoring original ideas and presenting them in a web format for the largest online publication focusing on a particular car brand, as well as interacting and replying with readers in the comments section.

VOLUNTEERING

Hindi USA

Chesterfield, NJ

Assistant Volunteer Teacher

Sept 2016 - Dec 2019

- Assisted teaching speaking, reading, and writing Hindi to over 30 students from the age of 6 to 18

Robert Wood Johnson Hospital

Hamilton, NJ

Healthcare Volunteer

June 2016 - August 2017

- Responsibilities included helping deliver medical supplies throughout the hospital, organizing patient files, and supervising children at the daycare

CERTIFICATIONS, SKILLS, AND INTERESTS

Certifications: AWS Solutions Architect Associate (*in progress*)

Technical Skills: Java, HTML, CSS, AWS Cloud Services, Matlab, Microsoft Office Suite

Interests: Cars/Motorcycles, Photography, Leather-working, Vintage Computers