

NABHANYA NEB

CONTACT

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EXPERIENCE

PNC Bank · *Software Engineering Intern*
Pittsburgh, PA

May 2021 to Present

- Executing **Agile** development with **Azure DevOps** in the Home Lending Technology team
- Implementing **.NET** and **Angular** frameworks to program efficiently
- Contributing to the **API** and **User Interface** to integrate new features for process automation
- Practicing functional and unit testing to thoroughly review all changes
- Generating daily reports through **SQL Server Management Studio**

Lumin Digital · *Configuration Engineering Intern*
San Ramon, CA

Jan. 2021 to May 2021

- Developed a **Python** script to translate the **JSON** configuration file into a series of comprehensive **Excel** sheets
- Completed client customizations through the **SDK**
- Constructed an auto-updating spreadsheet to pull, organize, and filter project data from **Jira**
- Tested products thoroughly and tracked issues
- Performed troubleshooting across client projects

JōbuFIT · *Technical Development Intern*
New York, NY

June 2019 to Aug. 2020

- Implemented a new software through **Kajabi, LLC** in order to release a brand new program for JōbuFIT's clients
- Recreated the client portal, homepage, and forms with **HTML**, **CSS**, and **Javascript**
- Designed and developed a landing page to attract a bigger audience
- Tracked and managed the data received from advertisements ran on social media with web analytics
- Collaborated with team members to download and install new SSL using **Apache**, **cPanel**, **InMotion Hosting**

PROJECTS

Colorization

May 2021

Artificial Intelligence program to convert a black and white picture back to color using k-means clustering and regression techniques. Demonstrates basic techniques in supervised learning and computer vision. Made with **Python**.

Photo Library

Mar. 2021

Single-user photo application that allows storage and management of photos in one or more albums. Photos can be added, deleted, transferred, copied and searched. Made with **Java**, **FXML**.

Railway Booking System

Aug. 2020

Web application to manage reservations and employee-customer interactions for a train transit system. Has Customer functionality, Employee functionality, and Admin functionality. Retrieves information from a database and can edit this information or input new information. Made with **SQL**, **HTML**, **Java**, **JavaScript**, **AWS**.

One Shot Learning

Apr. 2020

Machine learning algorithm which gathers training data to calculates house prices based on a series of attributes, then uses that training to calculate prices on a new set of houses. Made with **C**.

Marvel Mania

Feb. 2020

An Android application that begins with a quiz based off the Myers-Briggs personality test, which assigns user to one of sixteen superheroes and supervillains based on quiz results. Then, user plays a simple customized racing game as a that character, and the opponent is the character's archenemy (based off the marvel comics). Made with **Android Studio**, **Java**, **XML**.

LEADERSHIP

Rutgers Computer Science Department · Teaching Assistant

Aug. 2020 to Present

Running recitations, holding office hours, and grading assignments for approximately 50 students taking Computer Applications for Business.

Rutgers Performing Dance Company · Choreographer

Jan. 2020 to Present

Training approximately 10-20 dancers in various styles of dance. Responsibilities include choreographing 3-minute combinations, and bringing them to the stage for seasonal showcases and potential competitions. Must also collaborate with other officers to prepare for our showcases.

Tech Array · Peer Mentor

Aug. 2020 to Dec. 2020

Mentoring approximately 40 students taking Introduction to Computer Science. Responsibilities include holding office hours, helping students with assignments, and providing weekly updates from the CS Department.

Rutgers University SAS Honors Program · Honors Ambassador

Jan. 2019 to May 2019

Assisting Honors Program Deans in recruiting incoming freshmen for the SAS Honors Program. Responsibilities include taking part of a Q&A panel, speaking one on one with parents and students, attending Admitted Students Day, and guiding the transition from high school to college.

AWARDS

Best Space Hack · *HackHERS Hackathon*

Feb. 2021

Won Best Space Hack for Space Styler. Made with **Android Studio**, **Java**, **XML**.

Best Superhero Hack · *HackHERS Hackathon*

Feb. 2020

Won Best Superhero Hack for Marvel Mania. Made with **Android Studio**, **Java**, **XML**.

SUMMARY

Undergraduate student studying Computer Science and Mathematics at Rutgers University seeking 2022 full-time positions.

EDUCATION

Rutgers University -- **New Brunswick**

Sept. 2018 to Dec. 2021

Current GPA: 3.450

B.S. in Computer Science with a minor in Mathematics

SKILLS

LANGUAGES

Java

Python

C#

C

JavaScript

TypeScript

SQL

HTML

FXML/XML

Haskell

TECHNICAL

Agile

Azure

Jira

Git

Bash

Android Studio

JSON

AWS RDS

.NET

Angular

Microsoft Excel

Maple

MatLab

LaTeX

RELEVANT COURSEWORK

Data Structures

Computer Architecture

Discrete Structures I-II

Design and Analysis of Computer Algorithms

Software Methodology

Intro to Artificial Intelligence

Principles of Information Management and Databases

Principles of Programming Languages

Mobile Application Development

Numerical Analysis, Computing

Calculus I-III

Differential Equations

Linear Algebra

Linear Optimization

Graph Theory

CERTIFICATES

KPMG Data Analytics Virtual Experience

Aug. 2020

Completed KPMG Data Analytics Consulting Virtual Experience through Forage. Used **Microsoft Excel**, **Tableau**.

JPMorgan Software Engineering Virtual Experience

July 2020

Completed JPMorgan Chase Software Engineering Virtual Experience through Forage. Used **Python**, **React Native**, **Unix**, **Git**, **Typescript**.

ACTIVITIES

Rutgers Performing Dance Company

Sept. 2018 to Present

Amnesty International

Sept. 2018 to May 2019

Women in Computer Science Club

Sept. 2018 to Present

Private Tutor

Jan. 2019 to Present

Rutgers University Peer Tutoring

Jan. 2019 to May 2019

Built By Girls WAVE Mentorship

June 2020 to Present

PathCheck Foundation

June 2020 to Aug. 2020