

# Ritik S Ghanshani

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## Education

### Drexel University

Philadelphia, PA

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Graduation: September 2022

CONCENTRATIONS IN AI AND COMPUTER VISION

Cumulative GPA: 3.99

MINOR IN ENTREPRENEURSHIP AND INNOVATION

## Skills

**Programming** Python, C++, Java, Javascript, SQL, C#, HTML, CSS

**Technologies** React, .NET, Flutter, OpenCV, jQuery, Docker, Git, GitHub Actions

**Cloud Computing** Amazon Web Services, Google Cloud Platform

## Experience

### Moberg Analytics Inc.

Philadelphia, PA

SOFTWARE ENGINEERING CO-OP

September 2021 - Present

- Maintain Kubernetes data-management platform for 2 clinical trials with over 50 sites
- Utilize Docker to interface Flask apps with Celery task queue, PostgreSQL DB, and S3
- Execute Cron Jobs and serverless deployments with minikube and knative software

### Bristol Myers Squibb Company

Hopewell, NJ

CLOUD DEVELOPER CO-OP

September 2020 – March 2021

- Developed an automated tool to increase the speed and efficiency of the deployment pipeline
- Hosted the application on AWS S3 using CloudFormation and CloudFront
- Built the front-end using React and JavaScript libraries
- Created backend functionalities using AWS API Gateway and Lambda
- Published npm package to support plug and play use of the application

### Agilent Technologies

Wilmington, DE

SOFTWARE ENGINEERING CO-OP

September 2019 – March 2020

- Devised a dashboard using ASP.NET and JavaScript to automate routine tasks and save time
- Lead the development process of the dashboard from start to finish
- Created a SQL Database to sync and process the raw data

### Freshman Design Project

Philadelphia, PA

DEVELOPER AND UI/UX DESIGNER

January 2019 – June 2019

- Used Flutter to develop the front end of a Pet Matching Mobile App
- Implemented Authentication and Database using Firebase
- Researched UI/UX and created mockups in Adobe XD
- Followed Agile methodology throughout the development of the product

### Culture CoLab, Ltd.

Ranchi, India

DIGITAL INNOVATION INTERN

February 2018 – April 2018

- Launched a Google Store App to connect rural students to companies that offer Learn and Earn opportunities
- Implemented Authentication and Database using Firebase
- Utilized Data Analytics software like Microsoft Azure and Tableau to determine high potential customers
- Constructed an information portal using Raspberry Pi and Alexa

## Coursework

- |                           |                                  |                                 |
|---------------------------|----------------------------------|---------------------------------|
| • Artificial Intelligence | • Computational Photography      | • Business Communication        |
| • Deep Learning           | • Systems Programming            | • Technical Communication       |
| • Software Architecture I | • Data Structures and Algorithms | • Techniques of Public Speaking |

## Activities

**Drexel Clubs** Algorithms & Data Structures, Member from Sep. 2020 - Current

Artificial Intelligence, Member from Sep. 2020 - Current

Drexel Robotics Club, President from 2019-2020