

DARSHAN KALOLA

Software Engineer

@ darshankalola@gmail.com

📍 Cambridge, MA

EXPERIENCE

Software Engineering Intern

YouTube

📅 05/2020 - 07/2020 📍 San Bruno, CA

- Designed and developed a public-facing YouTube TV feature using Google Configuration Language and Python.

Software Engineering Intern

Memorial Sloan Kettering Cancer Center

📅 05/2019 - 07/2020 📍 New York City, NY

- Developed a platform to estimate in-silico cardiac-cell model parameters for drug safety screening using genetic algorithms. Work eventually led to [publication in the British Journal of Pharmacology](#).

Software Engineering Intern

Google

📅 01/2019 - 05/2019 📍 Sunnyvale, CA

- Designed and implemented a deep neural network for biometric authentication as part of the Google Artificial Intelligence Healthcare team.

Software Engineering Intern

AT&T

📅 05/2018 - 08/2018 📍 Location

- Built a chatbot to improve VoiceIP workflows.

EDUCATION

Master of Public Health - Quantitative Methods

Harvard University

📅 07/2024 - Present

- Presidential Scholar Recipient (full-tuition)

MD Candidate

Rutgers Medical School

📅 2020 - Present

- 4th-year medical student

B.S. in Computer Science

The College of New Jersey

📅 2022

- Executive board member of the Association for Computing Machinery
- President of the Table Tennis Club

GPA

3.9 / 4

SKILLS

Python

C++

C

Java

Javascript

React

Django

Docker

PyTorch

NLP

ML

AI

HTML

CSS

Ruby

AWARDS

Phi Beta Kappa

GPA: 3.9, The College of New Jersey, 2020

Best Rookie Team

International Collegiate Programming Contest, 2019

Finalist

Northeast Google Games, 2019

Best Technical Achievement

HackTCNJ. 2019

SELECTED PROJECTS

Homecare

🔗 <https://devpost.com/software/homecare-qfd9c0>

An iOS app that allows users to learn more about musculoskeletal injuries.

Cosmos EHR

🔗 <https://github.com/kalolad1/cosmos>

An electronic health records system for primary care physicians.

Nervetelligence

🔗 <https://devpost.com/software/homecare-qfd9c0>

A hardware device that allows physicians to remotely assess patient outcomes after a stroke.

SNP Gene Analyzer

🔗 <https://devpost.com/software/homecare-qfd9c0>

A web app that identifies SNPs in an individual's genome and displays relevant clinical diseases.