

DARSHAN KALOLA

CONTACT

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SKILLS

LANGUAGES: Python, C++, Java, Swift, SQL

TECHNOLOGIES: Node.js, PostgreSQL, Firebase, Tensorflow, Django

EDUCATION

The College of New Jersey

B.S. Computer Science 2020

GPA: 3.92

LEADERSHIP

Table Tennis Club · President

May 2018 to Current

- Organize weekly club meetings hosting 25 club members.
- Plan and execute intramural and external tournaments.

Association for Computing Machinery ·

Executive Board Member

Mar. 2017 to May 2018

- Organized HackTCNJ, an overnight coding competition hosting 250 students annually.

AWARDS

ICPC Collegiate Programming Contest ·

Best Rookie Team

Nov. 2018

Google Games · Finalist

Apr. 2017

HackTCNJ · Best Technical Achievement

Feb. 2017

HackRutgers · Best Demo Award

Sept. 2017

VOLUNTEERING

Petey Greene Program · Tutor

Sept. 2016 to Current · Ewing, NJ

- Tutored incarcerated persons in a correctional facility on a weekly basis, aiding their effort to complete a GED before release.

BAPS Swaminarayan Sanstha · Regional Core Team

June 2014 to Current · Robbinsville, NJ

- Worked with a team of 18 individuals to plan and execute annual conventions, which hosted over 3,400 people.

EMPLOYMENT

Weill Cornell Medical College

New York, New York

Computational Biology Intern · June 2019 to Current

Google

Sunnyvale, CA

Software Engineering Intern · Winter 2019

- Worked in the Cloud AI Healthcare team to develop machine learning models for biometric verification using photoplethysmography data.
- Achieved an equal error rate of 0.04 on a dataset consisting of 7 total hours of PPG signals from 52 subjects.

AT&T

Middletown, NJ

Software Engineering Intern · Summer 2018

- Developed a Node.js Chatbot on a Samsung Messaging as a Platform service to perform real device testing and track usage analytics.
- Analyzed scripts to detect network anomalies in SIP and MSRP call flows for Voice over IP.

PROJECTS

The Tabla App

May 2017 to Sept. 2017

- Designed a mobile application available on the iOS App Store with over 1,200 downloads, providing the capabilities of a South Asian membranophone instrument using Swift, Xcode, and Soundkey

Exposed, Android Application

Feb. 2017

- Created an android application that provides an incentive for group members to arrive promptly at scheduled group events, built using Android Studio, Java, and Firebase.

Homecare

Oct. 2017

- Developed an iOS application allowing patients to learn more about their musculoskeletal injuries using Swift, Amazon Alexa, and the BetterDoctor API.

Classmate!

Oct. 2017

- Designed an application that lets college students join class group chats effortlessly. Built at PennApps 2017.

Nervetelligence

Nov. 2018

- Designed and built a hardware device that allows physicians to remotely assess patient outcomes post-stroke. Built at PennApps 2018.