SUDHAN PANDEY

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EDUCATION

Fisk University   *Bachelors of Science* in **Computer Science**   GPA**: 4.00**   **May 2026**   *Nashville, Tennessee*
Relevant Courses: Intro to Computer Science 1 and 2 (**Google in Residence**), Calculus 1 and 2

SKILLS

Languages: Python, Java, C, JavaScript, Dart, HTML, CSS, SQL.
Tools & Frameworks: Flask, Numpy, Pandas, Scikit-learn, MongoD Flutter, Bootstrap, Nodejs, Electronjs, GitHub, Google Cloud Platform, Firebase

EXPERIENCES

Google   **STEP Intern**   **Kirkland, WA**   **May 2023 – August 2023**
- Worked with Cloud UFO team on turning up virtual cells, an abstraction of many physical cells within a datacenter, for efficient resource planning, scheduling and executing workloads
- Deployed 4 monitoring dashboards in GMon language (built on top of python) to monitor the health of components of the virtual cell, saving time in manually checking and debugging for the team.
- Used in production by the UFO Organization team to test an ongoing virtual cell turnup in July
- Learned about the concept of synthetic/black-box monitoring with probers
- Collaborated and researched with 4 different teams to learn about their specific components and their health monitoring

Goldman Sachs   **Market Madness Scholar**   **Virtual**   **January 2023 – April 2023**
- Participate in Virtual Curriculum aimed towards equipping with the skills to succeed in the **financial services industry**, featuring training created by Financial Edge.
- Developed a **strategic case study**, providing recommendations for Procter & Gamble's potential **acquisition of Glamsquad**, showcasing strong analytical skills and business acumen
- Proactively expanded industry knowledge by **networking** with FinTech professionals, gaining valuable insights into the dynamic FinTech sector.

JP Morgan Chase & Co.   **Intern**   **Virtual**   **August 2022**
- Designed and implemented a stock comparison tool that analyzed and filtered data streams.
- Learned about the open source data visualization tool "Perspective"
- Implemented historically related stock data evaluation to identify potentially profitable trade opportunities.

PROJECTS

Get Help   **March 2023**
- Designed and developed a full stack application to assist individuals with **speech impairment** to report dangerous or unlawful activities.
- User-based app with authentication with **bcrypt.js** to prevent duplication/ fraudulent submissions
- Implemented a service to integrate with authorities, enabling **notification** of reports.
- Presented the product and got feedback from a Google engineer to assist in future versions of the app.

Quizzy   **September 2019**
- Developed a dynamic and automated quiz web app using **electronjs** framework where several teams can compete on a variety of different types of questions.
- Included automated scores, rapid fire rounds, buzzer rounds, and other interactive game modes
- Used at the first State Level Quiz Competition at Oxford High School

YouTube Downloader App   **August 2019**

- Created a YouTube downloader for **iOS and Android** using **Flutter** and youtube-dl.
- Included an inbuilt music player functionality to listen to the downloaded files.

EXTRA CURRICULAR
- Equinix-Fisk Hackathon Finalist   **August 2022**
- Fisk Computer Science Club   **August 2022 - Present**
- Fisk Rocket Science Team   **August 2022 - Present**

HONORS
- Ella Sheperd Moore Provost Scholarship (Full tuition scholarship for all 4 years)
- W. E. B. Du Bois Honors Scholar
- Fisk Executive Leadership Program