Kusum Gandham

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EDUCATION

- **Rutgers University-New Brunswick** — New Brunswick, NJ
  Bachelor of Science in Computer Science; Minor in Human Resource Management — *Sept. 2020 – May 2024*

- **Relevant Courses**
  Data 101, Data Structures, Computer Architecture, Systems Programming, Discrete Structures

AWARDS

- **Hackathons**: Has participated in seven Hackathons utilizing different skills in full stack development while collaborating with peers in making a functioning product within a 24 to 36-hour timeframe.
- **First Robotics Competition Semi-Finalist**: Collaborated with other students to build and program a robot for the International FRC competitions

PROJECTS

- **HatchHabit!** — April 2023
  Tools Used: MongoDB, Express, React, Node, Javascript

  - Led the development of a collaborative task planner that incentivizes task completion and tracks rewards through a user-friendly dashboard

  - Implemented MongoDB to store user data and integrated an OpenAI API to enhance the user experience

  - Developed the project during a 24-hour hackathon and presented a polished and functional product

- **Society Of Woman Engineers Meeting Tracker** — March 2023
  Tools Used: mySQL, PHP, HTML/CSS

  - Collaborated with the Society of Women Engineers to create a user-friendly meeting sign-up page with a personalized user and admin dashboard for tracking attendance

  - Utilized PHP and SQL to store and display user information accurately and efficiently

  - Completed and presented the project during a 24-hour hackathon, resulting in a win for the team

- **Sheet Music Converter** — April 2023
  Tools Used: Python, MongoDB, Flask, HTML/CSS

  - Developed a novel music sheet scanning application that uses computer vision to convert JPEG images into playable MIDI files

  - Integrated MongoDB to allow users to save and share their converted files, along with their scanning history

  - Completed and presented the project during a 36-hour hackathon, demonstrating a functional and innovative product

EXPERIENCE

- **AmeriDental** — North Brunswick, NJ
  Dental Assistant and Receptionist — *June 2019 - May 2021*

  - Processed patient bills and claims to insurance providers

  - Scheduled arrangements for appointments and managed specialized referrals

  - Assisted with dental procedures and dealt with sanitation of equipment

SKILLS

- **Languages**: Advanced SQL, Java, C, R, Python, HTML/CSS, Javascript, PHP, C#
- **Technologies**: Github, Visual Studio Code, MongoDB, R Studio, Unity