

JOHNNY VISHNEVSKIY

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SUMMARY:

- Technically proficient to-be graduate with expertise in Computer Science, Data Science, AI and Machine Learning.
- Adaptable, fast at learning new skills, and looking to solve complex problems.

EDUCATION:

Bachelor of Science, Rutgers University (NB), GPA: 3.3

Sep'19 – Aug'23

2 Majors: Computer Science (BS), Data Science (BS)

Languages: JavaScript, Python, C, Java

WORK EXPERIENCE:

Smart Rose:

Jan'24 – Now

Co-founder & CTO, longevity and wellness startup.

- Developed a novel ML model to detect calories of food through images and generate personalized recipes.
- Built an LLM conversational agent (text + voice) to talk to customers about their personal health.
- Designed and integrated smart ring hardware into our app.
- Generated \$1000+ of revenue.

Chat Audio:

Jun'23 – Sep'23

Co-founder & CTO, AI music making startup.

- Developed a *state-of-the-art* ML model that composes original music clips language prompts (python).
- Built a separate model that remixed existing songs based on user preferences (python).
- Product link: chataudio.com (website made in JavaScript, inference no longer functional due to high costs).

Red Cross:

Jun'20 – Aug'21

Lifeguard.

- Ensured safety of pool patrons.
- Performed first aid and emergency response when necessary.

PROJECTS:

Citebot: RAG-LLM medical researcher with research paper and journal citation.

Violence Detection: Developed state of the art A.I model to detect violence in surveillance videos with over 95% accuracy.

Look Up: Interactive web experience aimed to show the severity of climate change through a 3D meteor impact journey.

ChordWiz: A functional ear trainer web app for musicians, focused on chord recognition.

SKILLS:

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|-----------|--------------|
| ▫ React | ▫ TensorFlow |
| ▫ Node.js | ▫ PyTorch |
| ▫ HTML5 | ▫ Git |
| ▫ MongoDB | ▫ Github |
| ▫ SQL | ▫ AWS |

ACHIEVEMENTS:

Music Production: Produced, mixed and mastered 10+ original songs.

Hackathons: Participated in multiple out of state & in state hackathons and coding competitions