

Wonden Gyatso

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EDUCATION

New York University

New York, NY

Bachelor of Science in Computer Science and Mathematics

Expected Graduation: May 2027

- **Relevant Coursework:** Data Structures and Algorithms, Computer Systems Org, Discrete Mathematics, Linear Algebra, Natural Language Processing (LLM/RAG)

SKILLS

- **Languages & Tools:** Python, JavaScript (Node.js, React, Angular), C++, Java, MATLAB, Express.js, Tailwind CSS, FFmpeg, OpenAI CLIP, Web Speech API, REST APIs, MongoDB
- **AI/ML:** OpenAI GPT, CLIP, RAG, BERT, LLM Fine-tuning, Prompt Engineering
- **Other:** Git, Arduino, Twilio, Calendly API, WebRTC

WORK EXPERIENCE

Basta x Google Program | **Intern**

September 2025 - Present

- Selected to participate in a competitive 10-week fellowship career prep program designed to support first-generation college students and land a great entry-level position.

CodePath | **Technical Interview Prep Fellow**

January 2025 - May 2025

- Selected for a 5 month technical interview prep program, finished with a capstone project that integrated OpenAI APIs reaching 200+ users in 2 weeks.

AI Training Specialist | **Outlier AI**

May 2024 - July 2024

- Conducted hyperparameter tuning (Grid Search, Bayesian Optimization) on ML models, improving accuracy by 15% across various datasets.
- Deployed NLP-based retrieval models (BERT, RAG, OpenAI's GPT) to refine training data quality.

Software Engineer Intern | **Headstarter**

September 2024 - June 2025

- Worked in a team of 5 to deliver full-stack AI projects (e.g. TikTok or Perplexity clones, ML evaluation tools) within tight weekly deadlines.
- Optimized LLM-based chatbot app performance, reducing API costs by 40% through prompt chaining.

STEM Researcher | **Science and Technology Entry Program (STEP)**

August 2021 – August 2023

- Programmed (in C++, Python, MATLAB, Arduino) to build a prototype spacesuit with various sensors.
- Selected for a highly competitive early college program, Designing and testing sensor calibration algorithms to improve accuracy, achieving 1st place recognition at the regional STEP/BEST Conference.

PROJECTS

Revint - [Github -> REV-AI_agent](#)

- Built a real time voice-enabled personal AI assistant with automated scheduling via the Calendly API, real-time speech handling, and address/time parsing. Utilizes Python and GPT4 to record and process live audio, converts it to .wav using ffmpeg.

Duo-Campo - [Github -> Tibetan-Language-Learning](#)

- Collaborated with Prof. Sonam to develop a full-stack Tibetan learning platform for multiple universities (Cornell, NYU, UPenn and Columbia). Designed a scalable backend with Node.js, Express, MongoDB to support user authentication, progress tracking, and audio file management for over 50+ users. Optimized UI/UX with React hooks, Tailwind CSS, and interactive gamification elements, improving session duration by 50%.

VidSeek - [Github -> Video-Semantic-Search-Project](#)

- Worked in a team of 12 to create a AI semantic video search engine with Python, FFmpeg, React, and OpenAI's CLIP, enabling video makers to quickly search and find relevant B-roll, significantly reducing project completion time by 35%.