

CONNOR KING

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EDUCATION

Northwestern University

Computer Science Major, 4.0 GPA

Evanston, Illinois

September 2024 - June 2026

Rutgers University

Computer Engineering Major, 3.9 GPA

New Brunswick, New Jersey

September 2022 - August 2024

RELEVANT COURSEWORK

Data Structures and Algorithms, Software Engineering, Introduction to Computer Systems, Design & Analysis of Algorithms, Machine Learning, Distributed Systems, Intelligent Information Systems, Rapid Prototyping for Software

TECHNICAL SKILLS

Languages: C/C++, C#, Python, Go, Java, JavaScript, TypeScript, HTML/CSS, Assembly, SQL

Frameworks: React, Node.js, Flask, Tailwind CSS

Developer Tools: Git, Supabase, MongoDB, Unity, VS Code, Rider, Postman

Libraries: NumPy, pandas, PyTorch, MoviePy

EXPERIENCE

Revision History

Remote

Intern, Software Developer

June 2025 - Present

- Developer for Stanford MBA and ex-Y Combinator founder Buzz Rubenstein's EdTech startup
- Use React to develop company's Chrome extension that analyzes a student's document history and writing patterns
- Manage database using Supabase, build web features with TypeScript, and deploy code to over 200,000 educators

Rutgers Office of Information Technology

New Brunswick, New Jersey

Intern, Telepresence and Communications Division

September 2022 - May 2024

- Worked with technical teams to manage conferencing technologies for Rutgers University employees and professors
- Developed JavaScript programs that seamlessly integrated conferencing software and devices with one another
- Created interfaces using HTML/CSS to allow end users to interact with devices and programs

PROJECTS

Elizabeth (C3 Research Lab) | Python, ChatGPT API, LangChain, Google Cloud Console

Evanston, Illinois

Programmer

January 2025 - Present

- Assist with research led by Northwestern's Director of AI and Machine Learning, Professor Kristian Hammond
- Expand and enhance capabilities for Elizabeth, Northwestern's conversational AI avatar powered by ChatGPT
- Develop Zoom integration using Python and Google STT enabling Elizabeth to detect answerable spoken questions

VideObit | Python, HTML, Gemini, Bing Image Downloader, ElevenLabs Voice API, MoviePy

Evanston, Illinois

Developer

April 2025 - June 2025

- Built a system powered by Google Gemini that created video eulogies from obituaries
- Conducted extensive research to design a system that generated sequences of image and audio files for a eulogy
- Used MoviePy to combine all visual and audio components into a multimedia viewing experience

California Housing Price Prediction Project | Python, NumPy, pandas, PyTorch

Evanston, Illinois

Developer

September 2024 - December 2024

- Analyzed California's housing prices from Kaggle dataset to predict home values
- Designed and trained models using linear regression, random forest decision trees, and neural networks
- Compared performance and accuracy of these different learning models to assess task suitability

Gym Haven | JavaScript, Node.js, HTML/CSS, MongoDB, OAuth

New Brunswick, New Jersey

Developer

January 2024 - May 2024

- Developed a user-friendly platform and interface for a mock fitness equipment retailer
- Used JavaScript, Node.js, and MongoDB to implement a product searching, filtering, and reviewing system
- Wrote multiple APIs and integrated existing APIs from Google and Stripe into the project

ABOUT ME

Eagle Scout, Taekwondo Third Degree Black Belt, Fencing Enthusiast, Challenge Seeker, Popcorn Aficionado