

# 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

Intern, Software Developer

Remote

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

Intern, Telepresence and Communications Division

New Brunswick, New Jersey

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

Programmer

Evanston, Illinois

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

Developer

Evanston, Illinois

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

Developer

Evanston, Illinois

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

Developer

New Brunswick, New Jersey

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