

# Torin Samples

425-287-9379 | [torin.samples@gmail.com](mailto:torin.samples@gmail.com) | [linkedin.com/in/torin-samples](https://linkedin.com/in/torin-samples) | [github.com/torin-samples](https://github.com/torin-samples)

**Computer Science student seeking Software Engineering internships. Passionate about AI/ML, cloud computing, and using technology to solve complex problems.**

## EDUCATION

### University of Washington

*Bachelor of Science in Computer Science and Software Engineering*

Awards and Experience: GPA: 3.74 | Dean's List Recipient

Bothell, WA

*Jan. 2024 – June. 2026*

### Rochester Institute of Technology

*Bachelor of Software Engineering*

Awards and Experience: GPA: 3.98 | Dean's List Recipient

Rochester, NY

*Aug. 2022 – Dec. 2024*

## EXPERIENCE

### Youth4AM IT/Tech Lead

*Youth4AM SUBP (Sino US Bridge Program) | HTML/CSS, JS, Python*

May 2024 – July 2024

*NYC, NY | China*

- Designed and managed the organization's data storage system across several sub-teams and contractors.
- Developed and maintained the organization's website using HTML, CSS, and JavaScript.
- Collaborated with cross-functional teams to implement new features and improve user experience.

### RIT Launch Initiative Team Member

*Rochester Institute of Technology*

August 2022 – December 2023

*Rochester, NY*

- Implemented communication protocols between sensor and accelerometer modules using C/C++ and I2C.
- Designed and programmed a gyroscope system to measure rocket rotations during take-off.
- Collaborated with cross-functional teams to integrate software with rocket structure, contributing to winning best payload in competition.

## PROJECTS

### RoamRich | *React Native, Express.js, MongoDB, Perplexity, Flask, Auth0*

October 2024

- Developed a mobile application using React Native and Flask, integrating Perplexity AI for enhanced user experience.
- Implemented Auth0 for secure authentication and utilized MongoDB for efficient data storage.
- Engineered custom Perplexity AI prompts for personalized recommendations based on user data.
- Created RESTful APIs using Express.js for seamless client-server communication.

### Notekan | *Next.js, Express.js, Node.js, Firebase, Python, Flask, OpenAI, AWS*

May 2024 – Present

- Built a web app using Next.js, Flask, and Tailwind CSS, integrating OpenAI Whisper for speech-to-text functionality.
- Utilized Firebase for authentication, real-time data storage, and hosting.
- Implemented custom GPT-4 prompts for AI-driven note templates, enhancing productivity features.
- Deployed and managed the application on AWS, ensuring scalability and reliability.

## TECHNICAL SKILLS

**Languages:** Python, C/C++, JavaScript, Java, SQL

**Frameworks & Libraries:** React Native, Next.js, Express.js, Flask, Node.js, scikit-learn, NLTK, spaCy, Hugging Face, pandas, NumPy, seaborn

**Tools:** Git, Docker, REST APIs, MongoDB, Firebase, AWS, Reddit API, matplotlib, scipy.stats

**Interests:** Distributed Systems, Cloud Computing, NLP, ML/AI

## ML/NLP EXPERIENCE

**UWB CSS488 - NLP (Winter 2025):** Coursework covering text preprocessing, POS tagging, text classification, word embeddings, transformers, NER, chatbots, data collection (Reddit API), data analysis, and model evaluation using standard metrics and libraries.