

# Torin Samples

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Computer Science undergrad seeking Software Engineering roles, with a focus on Distributed Systems and Cloud Computing. Passionate about using technology to solve complex problems and drive innovation.

## EDUCATION

### University of Washington

*Bachelor of Science in Computer Science and Software Engineering*

Awards and Experience: GPA: 3.59 | 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.
- Worked with stakeholders to design, format, and update the organization's website to meet user needs.
- Collaborated with other sub-teams to formulate events and news to upload to our website as well as other social media channels.

## 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.
- Established Auth0 for authentication and data security with MongoDB for data storage.
- Engineered custom Perplexity AI prompts to deliver personalized recommendations based on user purchase history.
- Leveraged Express.js to create RESTful APIs for seamless communication between the app and server.

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

May 2024 – Present

- Web app with Next.js, Flask, and Tailwind. Used OpenAI Whisper for speech-to-text.
- Utilized Firebase for authentication, data storage, and Hosting for seamless deployment.
- Managed the custom domain notekan.com via Hostinger for a professional online presence.
- Implemented custom GPT-4 prompts for dynamic note templates, enhancing AI-driven productivity.

### RIT Launch Initiative | *C/C++, I2C*

August 2022 – December 2023

- Designed and implemented communication between our sensor and accelerometer modules.
- Designed and implemented gyroscope to measure rotations of our sub-project during take-off.
- Successfully built a functional rocket that won the best payload in competition.
- Collaborated with other sub-teams to effectively build the structure of the rocket to align with my team's modular designs.

## TECHNICAL SKILLS

**Languages & Frameworks:** C/C++, C#, Python, JavaScript/TypeScript, Java, Angular, SQL, React.js, Node.js

**DevOps & Infrastructure:** Docker, Git, RESTful APIs

**Monitoring & Databases:** MySQL, PostgreSQL

## LANGUAGES

**English** - Native

**Mandarin** - Conversational