

# Thomas Elliott Durand

(919) 889-5158

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## Work Experience

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### **International Council on Korean Studies**, August 2022 ~ Current

Became the sole Webmaster for the International Council of Korean Studies in August 2022, responsible for maintaining and updating the content of the website.

### **Undergraduate Teaching Assistant**, August 2021 ~ May 2022

Undergraduate teaching assistant for COMP 455: Models of Languages and Computation.

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## Education

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### **University of North Carolina, Chapel Hill, North Carolina**

Bachelor of Science in Computer Science

Bachelor of Arts in Mathematics

Minor in Japanese

Undergraduate teaching assistant for COMP 455: Models of Languages and Computation.

Responsibilities: Hosting office hours for students, and grading tests and homework, and assisting the new Professor in reevaluating the curriculum of the class.

Undergraduate researcher at the Japanese History Lab

President of the UNC perapera club, a Japanese language exchange club. Coordinated in person and online language exchange events with various Japanese universities such as Hiroshima Daigaku.

Completed 14 general education, computer science, and Japanese language credits at Temple University – Japan Campus after graduating from high school a semester early.

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## Personal Projects

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- Java SET, card matching game based off SET with JavaFX, personal project
- Created Fractal Generator in Assembly utilizing stacks in MIPS, personal continuation of class project
- Japanese kanji frequency analysis tool, Python tool for analyzing Chinese characters in text, presented to the Japanese History Lab
- Tom-shell: A toy shell written in C with support for pipelines, redirects, and jobs
- [thomasedurand.xyz](http://thomasedurand.xyz) (personal site)

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## Skills

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Java, Python, C, Linux; (Proficient)

Java Script/Type Script, SQL, Bash/POSIX Scripting, emacs; (Intermediate)

PHP, Assembly, C++, Lisp, LaTeX, BSD; (Prior Knowledge)

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## Awards/Other

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Elementary Chinese Knowledge

Achieved rank of Eagle Scout with Silver Palm

US cybergames hackathon 2022 participant

NSA Codebreaker Challenge 2022 participant

Hobby Linux enthusiast