Ari Farber

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I am a graduate of Computer Science (BA) and Modern Hebrew at UNC Chapel Hill. My main interest is coding and my ideal work day allows me to thoroughly immerse myself in a project and prioritize software development. Outside of the classroom, I am passionate about current events and the clean-energy transition, and I hope to bring these passions into my future career.

EDUCATION

UNC at Chapel Hill, North Carolina, May 2022
Bachelor of Arts in Computer Science
Minor: Modern Hebrew (proficient)

SKILLS

- Languages: **Java, JavaScript, Typescript, Python, C, Racket, Prologue, SML, SystemVerilog, MIPS, HTML**
- jQuery, CSS, Git, React, Node.js
- https://github.com/arifarber

EXPERIENCE

MIPS typing game and Verilog described hardware*- project*

10/2021 - 12/2021

Designed a multi-cycle CPU in SystemVerilog and built a typing game in MIPS assembly that utilized a vga monitor and keyboard through the Nexys4 board

Renaissance Computing Institute at UNC (RENCI) *- Intern*

06/2020 - 08/2020

Connected meeting notes to an automated email service (linked to Google Calendar) to organize and delegate tasks using **Apps Script and Python** to improve their remote transition

Camp Riverlea, Bahama, NC *- Instructor*

06/2016 - 08/2018

Department head for Riverlea Tennis, where I **coordinated junior staff**, planned daily activities, and developed communication skills

BINA - The Jewish Movement for Social Change, Tel Aviv, Israel

08/2016 - 01/2017

Volunteered with Eritrean and Sudanese asylum seekers, tutored at an after-school program, and aided in readjustment at a half-way house for addiction recovery
Studied Jewish text and philosophy at a secular Yeshiva