

# Daniel Chamoun

Looking to learn more about tech through real-world experiences by collaborating with a team of experts.

Champaign, IL 61820  
(224) 355-7872  
[dchamoun23@gmail.com](mailto:dchamoun23@gmail.com)  
[danielchamoun.me](http://danielchamoun.me)

## EXPERIENCE

### Code Ninjas, Libertyville IL — Coding Instructor

SEPTEMBER 2018 - JULY 2019

Teaching kids ages 7-14 basic coding and robotics fundamentals. Strong emphasis on critical thinking, problem solving and teamwork.

Here, we taught a variety of coding languages including Javascript, HTML, CSS, Lua, and Python.

## EDUCATION

### University of Illinois — Computer Engineering

August 2020 - present

Currently a junior looking to further my understanding in anything relating to computers. I am interested in lower level computer languages, hardware systems, and higher level programming.

## PROJECTS (see website above for more details)

### Nixie Tube Clock — Ongoing Project

Uses C and assembly with PIC microprocessors in order to display the current time in a HH:MM:SS format. Currently still in development.

### DDR on FPGA— 5/10/2022

Uses Systemverilog as well as SDRAM to create a rhythm game based project which utilizes I2C and I2S audio configurations.

### Mosaic Generator from PNG's— 8/10/2021

Generates a specified PNG from a selection of other specified PNG's.

### Sound Controlled LED's Project— 1/25/2020

Uses Arduino and MSGEQ7 graphic equalizers to produce festive lights in time with the music inputted through audio in. Colors change according to the frequencies of the audio data.

## SKILLS

C  
Assembly  
Python  
C++  
Java  
Javascript  
HTML/CSS  
Node.js  
React

## AWARDS

Engineering Scholarship  
Endow  
  
President's Award  
Scholarship

## LANGUAGES

English (native)  
Spanish  
Japanese

## STRENGTHS

**Critical thinking and patience** when solving long and potentially frustrating tasks such as troubleshooting and debugging.

**Collaborative mindset** ensures efficiency in a group setting.

**Fast learner** of any protocols, methods, or languages required.