

# Remi Guan

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## EDUCATION

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**University of London**

*Bachelor of Computer Science*

April 2022 – Present

*Remotely*

## EXPERIENCE

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**Full Stack Web developer**

*Qiubi Tech, Ltd*

May 2021 – Present

*Shanghai, China*

- Developed web pages and backend in React and NestJs
- Managed the servers

## STUDY

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**Data Structures And Algorithms** | *Java*

August 2021 – Present

- Learning about basic algorithm and data structure, such as array, list, tree

**From Nand to Tetris** | *HDL*

February 2022 – Present

- Learning how to build a modern computer from logic gates

**CS 61A** | *Python*

March 2021 – February 2022

- Learned about the essence of functional programming, such as abstraction, higher order function, recursion
- Also learned about programming language, wrote my own scheme interpreter

**Human resource machine** | *Game*

December 2021 – January 2022

- Learned about register machine, and programming in assembly
- Additionally learned about optimization assembly with classical trick such as block reordering, common subexpression elimination, peephole optimization and loop unrolling

## PROJECTS

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**Meta Signature Util** | *TypeScript*

November 2021 – Present

- Sign articles and media with curve25519

**Meta UCenter** | *Nest.js*

July 2021 – Present

- Backend for users signup and login used in our company project

**Meta CMS** | *React*

August 2021 – November 2021

- Frontend for users to create a blog and manage their account

## TECHNICAL SKILLS

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Basic algorithm, Functional programming

JavaScript, TypeScript, Python3, LaTeX

HTML, CSS, React, Vue, Next.js, Nest.js

## MISC

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- 19k Reputation at Stack Overflow with answers to Python questions (Remi Crystal)