# Yeonuk Lee *Software Engineer*

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https://github.com/lieelee

## PROFILE

Currently studying computer science in University of People. I was traditional software engineer with various backgrounds-Finance, Overseas Aids and passion for traveling 15+ countries. Strong C and Javascript algorithm skills. I adapt new frameworks and languages fast and love to take on new chellenges. Proficient in C, Javascript, React, Python, HTML/CSS.

## EDUCATION

**Bachelor's degree/Computer Science,** *University of People* Mar 2022 – present
Currently stuyding the python programming and computer science.

**Programming School,** *42 silicon valley programming school* Dec 2020 – Jun 2021
42 is a nontraditional and innovative school based on self/peer-to-peer Fremont
learning through various projects, mostly specializing in C language and
algorithms. 42 curriculum contains a wide range of projects to prepare
students for the professional setting.

**Bachelor's degree/Finance,** *Hankuk University of Foreign Studies* 2014 – 2021
- Mathematics/Statistics South Korea
- Principles of Accounting/Managerial Accounting/International Accounting
- Theory of International Financial Management/Financial Laws/Financial
  Markets

## PROJECTS

**Pig game,** *Javascript/Html/CSS* ⬈
- Built the dice game that two players can play.
- Implement many features for game and calculate the mathematical probability of winning.

**Fillt tetris,** *C programming* ⬈
- Built the program that finds the smallest square possible with a set of Tetrominoes.
- This was a team project. My roles were to verify and validate if the input had passed, saved the data
  that is read from the text file to the right data structure, prevent all possible error cases from
  happening and to free all the memory that were dynamically used during run time at the end.

**Get_next_line,** *C programming* ⬈
- Built the program that returns only one line at a time regardless of the size of file and the number of
  files.
- Implement very logical algorithms with linked list data structure and file descriptor and use a static
  variable to handle multiple files together.

**Re-creating C library functions** ⌕

- Re-write my own 60+ C library functions with only few features to have a deeper understanding of libraries, functions and algorithms

**Todo App,** *React/Html/CSS* ⌕

- Built the Todo application based on my needs.
- Implement priority, deletion, edition and addition features with a mouse cursor and click events.

**Personal portfolio website,** *Javascript/Html/CSS* ⌕

- Built the personal website to market myself better.
- Features such as filtering, animation effects, changing themes etc.
- There are two themes on my website. One is Spring version that is displayed as a default because It's Spring now. You can see flower rain. When you click the summer button, It's changed to Summer theme, displaying water wave. Please try it!

## PROFESSIONAL EXPERIENCE

**Marketing And Public Relations Specialist,** *World Together*(NGO)                    2016 – 2016

- Wrote weekly articles about poverty issue in Africa                    Seoul, South Korea
- Produced organizational videos to aid in the understanding of the relationship between South Korea and Ethiopia

**Ambassador/Internship,**                    2015 – 2015
*UN-Habitat (United Nations Human Settlements Programme)*                    Seoul, South Korea

- Spearheaded outreach events, contacted companies to get sponsorship, and led event operations
- Wrote several UN-related articles about urban slum, event information, etc.