

# YongHo Son

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## EDUCATION

**Stony Brook University**, Stony Brook, NY

B.S. degree in Computer Science

Expected Graduation: September 2021

**BIS CANADA High School**, Gyeonggi-do, South Korea

Honors: Students of Distinction, Work Ethic

Graduated Year: June 2015

Each term of the 2014/15 Academic Year

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## SKILLS

**Programming Languages:**

Java, C, C++, Python, SQL

**Web & Source Control:**

HTML, CSS, Bit bucket

**Operating Systems:**

Windows, Linux, Mac OS

**License:** Linux Master

(Korea Association for ICT

Promotion Certified Professional)

## COURSEWORKS

Computer Science I • Computer Science II • Computer Science III

Foundations of Computer Science • Systems of Fundamentals I

Introduction to the Theory of Computation

Introduction to Web Design and Programming

Technical Communications • Survey of Probability and Statistics

Finite Mathematical Structures • Applied Linear Algebra

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## PROJECTS

### Android App Development Project

- Developed a travel app with four undergraduate students as a group for business people and travelers.
- Contributed to the development of database, map, navigation, and currency exchange functionalities in the app with Firebase, Google Maps, What3words, and Fixor.io APIs.

### Birthday Book Application

- Implement a book, an abstract data type, which stores a collection of entries, like list of name-record pairs.
- Inside a Java interface, created various methods (add, remove, find, remind, save, load, print, exit) for managing people saved in the application based on two arrays for names and personal records.

### Tic-Tac-Toe Game

- Developed a Tic-Tac-Toe game in Java with a minimax algorithm that is unbeatable.

### Expression Evaluator

- Implement an evaluator of basic integer expressions, supporting addition, subtraction, multiplication, division, and modulo.
- The user interacts with the program by entering a sequence of operators and operands.

### Online Shoes Website (Practice Purpose)

- Developed a shoes website with HTML and CSS in a web design course.
- It has the total of 5 different kinds of pages, which are the main page, the login page, the contact page, the page for specific shoes information, and the page for list of pictures for shoes for each brands.