

Sibo Song

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EDUCATION

University of Colorado Boulder, Boulder, CO

August 2014 – May 2018

Major: Computer Science, Bachelor of Arts

GPA: 3.1/4.0

Minor: Mathematics

COURSEWORK

Computer science: Data Structure, Database & Information Systems, Big Data Architecture, Computer Systems, Operating Systems, Algorithms, Robotics, Principle of Programming Languages, Software Dev Methods and Tool, Human-centered Computing Foundations/User-centered Design, Numerical Computation.

Mathematics: Calculus series, Discrete Mathematics, Linear Algebra, Probability Theory, Theory of Numbers.

PROJECT

Personal homepage: <http://sibosong.com/>

Github: <https://github.com/nba5137>

Software Design:

- UltiBrowser - A web browser with Bookmarks and Homepage functions built in C#.
- NiceOne - An Android application that can make users quickly browse 5 specific websites by simply tapping built in Java.

Website Design:

- A website that can search and select specific food, calculate selected food's total calories and store users' username/password built in HTML.

Game Design:

- A prototype of 2D - ACT game and a prototype of 2D - TPS game built in GML, which also implements inventory and equipment system.

TECHNICAL SKILLS

Programming language: C++, C#, Python, Java, PHP, HTML, CSS, JavaScript, GML.

Operating system: Windows, Linux.

Databases Management: MySQL.

Design & IDE Tools: IntelliJ IDEA, Geany, Eclipse, Visual Studio, Game Maker Studio, Unity3D.