

Shengbo Lou

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EDUCATION

University of Massachusetts Amherst(May 2017)

Major: Computer Science

Honors: Dean's list

GPA: 3.80

SKILLS

- Programming language: JAVA, C, SCALA, HTML, CSS, JavaScript, PHP, AJAX
- Tools: Bootstrap, JQuery, Velocity.js
- Desktop Assembling

PROJECTS

Personal Website (www.shengbolou.com)

NapTime Android Application, Personal

September 2015 – present

A speech recognition countdown timer ([available on Google Play](#))

- Developed an interactive Android application that uses voice input to set a countdown timer.
- Designed an algorithm to extract time arguments from any spoken phrase.
- Implemented a bug tracking system that sends crash reports as well as user feedback
- Designed in Android Studio using general knowledge of the Java programming language
- Worked in a team of two

Academic projects:

<https://github.com/shengbolou>(JAVA, C, SCALA)

- Implemented data structures in JAVA and C
- Implemented Client-side, huffman-coding, simulated cache and bank-ATM procedure (Language: C)
- Implemented handwritten-digit recognition, binary-search-tree(Language: JAVA)
- Implemented a search engine(Language: SCALA)

RELEVANT COURSES

Introduction to Java, Data Structures in Java, Computer System Principles (Programming in C), Programming Methodology (Scala), Introduction to Computation, Introduction to Algorithm*, Operating System*, HTML & CSS & JavaScript & JQuery.js & Bootstrap & Velocity.js & AJAX & PHP(self-taught).

(*to be completed by May 2016)