

Eric Shi

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EDUCATION

BS Computer Science, May 2020
University of Massachusetts Amherst
Overall GPA: 4.00/4.00

Andover High School, June 2016
Overall GPA: 3.65/4.00

PROJECTS

BlockHero Game

- Created a Java car dodging game with a timed high score and library of top 5 scores
- Worked with Java AWT library for event handling, image processing, and hitbox detection. Worked with Swing library to develop GUI interface
- Used threading to animate and maintain framerate of game

Song File Accessor

- Developed five class song library that maintained a user's song list in a text file
- Used inheritance to utilize superclass functionality when processing data from CSV formatted files
- Wrote Junit tests testing for functionality and edge cases

Jekyll Website

- Used HTML, CSS, and Jekyll to create a blog website
 - Worked with bash environment to set up Jekyll and Ruby dependencies for local development
 - Used git to push and commit local changes to GitHub pages
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VOLUNTEERING

Tufts Swimming Tutor

October 2016 – March 2017

- Tutored children to swim and float comfortably

Andover High School PALS Tutoring

January – April 2016

- Tutored middle school students in English and math

Lawrence General Hospital Caregiver

June - August 2015, 2016

- Cared for elderly patients and kept them company
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SKILLS

Java, HTML5, CSS, Mac OS, Bash, Git, GitHub, Adobe Photoshop