

Kevin Jin

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Skills

Python

Java

Javascript/HTML/CSS

Git

C#

MySQL

Education

Freshman at Vanderbilt University

Bachelor of Science in Computer Science

Expected May 2021

Additional Major in Applied Mathematics

CS1101 - Programming and Problem Solving (Java)

Boise State University Undergraduate Research (during High School)

2015-2017

➤ **CoffeeBot** (*Autonomous Coffee Delivery Robot*)

Fall 2015 and Fall 2016

- Programmed an autonomous coffee-delivering robot in Python
- Developed the website which users could input their office address into, in Javascript and PHP, and wrote the Python program that let the robot retrieve the addresses stored in MySQL database.

➤ **BunnyBot** (*Autonomous Easter Egg Hunting Robot*)

Spring 2016 and Spring 2017

- Researched computer vision to detect oval shaped objects.
- Wrote programs with Python and OpenCV to use the attached Kinect RGB camera on the robot to detect Easter eggs and move to them.
- Robot was briefly featured on ABCNews in 2016: <http://abcnews.go.com/Lifestyle/kids-celebrate-easter-epic-easter-egg-hunts-us/story?id=37965176>

Personal Projects

➤ **VSearch** (*News Search Aggregator, built with one another Vanderbilt student*)

Current

- Displays relevant videos, tweets and external news articles based on search query.
- Built website and retrieved Youtube videos and Reddit articles using their respective APIs, Nodejs and SocketIO.

➤ **Lecture Chat App** (*Anonymous Web Chatroom*)

August 2017

- Anonymous chatroom where users can enter a nickname and start chatting with other users.
- Built web app with JQuery and Firebase realtime database.

More personal projects can be found at <https://github.com/kevjin>

Boise High School

2014-2017

➤ Programming Club

Spring 2016 - May 2017

- Founded the Programming Club at Boise High School.
- Taught HTML/CSS/Javascript through interactive coding projects with members.

➤ Student Council

Winter 2015 - May 2017

Organized school dances, events, and rallied student body spirit during sports games.

Honors and Awards

National Merit Finalist

Idaho Science and Aerospace Scholar

National Honor Society Officer at Boise High School

National AP Scholar