

Kevin Jin

2233 E Roanoke Dr. Boise, ID, 83712 Email: kevin.jin@vanderbilt.edu Cell: (208)789-8267 Site: kevinjin.me

Skills

Languages: Python, Java, Javascript, C#, HTML, CSS

Frameworks, Libraries and Tools: ReactJS, NodeJS, OpenCV, NumPy, Git

Education

Freshman at Vanderbilt University

Bachelor of Science in Computer Science

Expected May 2021

Additional Major in Applied Mathematics

Experience

2015-2017

- **Boise State University** (*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 access MySQL database.
- **Boise State University** (*Autonomous 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>

Projects

- **VSearch** (*News Search Aggregator, built with one another Vanderbilt student*) August 2017
 - 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.

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

Honors and Awards

- **Capture the Flag (CTF) @HackGT 3rd place** October 13-15th 2017
 - Placed third in cryptography, network security, and forensics computer competition at Georgia Tech's 2017 Hackathon of around 40 competing teams.
- **Code in the Dark @HackGT 1st place** October 13-15th 2017
 - Placed first in competition creating the best static Reddit front page without a single compilation of code at Georgia Tech's 2017 Hackathon.

Service Activities/Volunteer

- **Code Ignite** (Service Club at Vanderbilt) September 2017 - Current
 - Visit local Nashville high schools on a weekly basis to teach students AP Computer Science.
- **Programming Club President** (*during High School*) Spring 2016 - May 2017
 - Taught HTML/CSS/Javascript through interactive coding projects with members.
- **Student Council** (*during High School*) Winter 2015 - May 2017
 - Organized school dances, events, and rallied student body spirit during sports games.