John Kyung Han

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Education

B.S. Computer Engineering   August 2017 - May 2021
University of Illinois Urbana Champaign   GPA 3.8/4.0

High School Diploma   August 2013 - May 2017
Vernon Hills High School   GPA 4.5/4.0

Relevant Coursework

Intro to Computing, Computer Systems & Programing*, CS 196 Freshman Honors, Intro to Electronics*, Calculus III, Intro to Differential Equations*, Quantum Physics*   *Spring 2018*

Experience

Member, Illini Solar Car   *2017-present*
- Developed a race simulation and neural network to determine optimal race strategy
- Processed and analyzed race data using python

Member, iRobotics Freshman Combotics   *2017-present*
- Designed and built a robot for Combotics competition
- Discussed and improved design decisions as a team

Co-Founder, Owl Tutoring, Vernon Hills, IL   *2016-present*
- Managed finances and used JavaScript to automate record keeping
- Hired tutors, determined operating procedures, and created a website
- Used online and in-person marketing to acquire customers and expand business

Sales Associate, Office Max, Vernon Hills, IL   *2016-2017*
- Worked as cashier and stocked shelves
- Helped customers solve problems and fulfill their needs

Intern, Ascend Training, Chicago, IL   2015-2016
- Researched and organized keyword data for website search engine optimization
- Helped raise the business to the top Google search result for numerous queries

Projects

MIT Battlecode Competition   January 2017, 2018
- Worked with a team to strategize how our AI would act in each battle
- Coded in Java and utilized GitHub to collaborate with teammates

CS 196 Course Project, Node.js web application   Fall, 2017
- Collaborated with teammates to design and code a multiplayer web game
- Utilized Mongo DB to store game information and user accounts
- Built an API to connect UI with backend

Skills

Python 4/5	JavaScript 4/5	Java 4/5	C++ 2/5
C 3/5	HTML, CSS 4/5	GitHub 3/5	SEO 2/5
Google Sheets 5/5	Spanish fluent	Linux 3/5	Fusion 360 2/5