Andy Wang

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https://andyw24.github.io

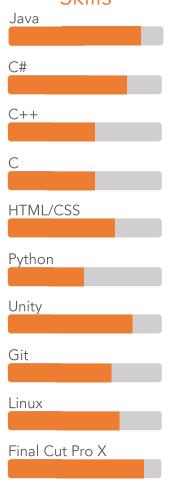
U.S. Citizen Home: San Ramon, CA College: West Lafayette, IN

Education

Purdue University

- B.S. Computer Science
- Aug 2017 May 2021
- GPA: 3.67
- Relevant Courses:
 - Data Structures and Algorithms
 - Systems Programming (in progress)

Skills



Mandarin

Projects



T October 2018

URL: https://play.google.com/store/apps/details?id=com.AndyWang.FiT Personal Android game created using Unity and C#. Player controls a box that expands and contracts, and they must fit the box between randomly generated gaps. The game becomes harder over time and can keep high scores.



Impact

October 2018

URL: https://devpost.com/software/impact-8zx1q4
BoilerMake 2018 Hackathon project. Worked in a team of 3.
Impact determines optimal locations for objects. Used Unity and C# to create a random map generator, a system that

reads population data from a file, and a user interface.

Relevant Experience

Purdue ACM SIGGD, West Lafayette, IN

January 2019 - Present

Programming Team Member

- Developed gameplay mechanics including player movement, locked doors, and moving environment pieces using Unity and C#
- Used GitHub and Trello to collaborate with the other 4 members of the programming team and merge all our contributions together
- Collaborated with the other 10+ members of the SIGGD team to discuss ideas for our year-long game development project

Purdue Robotics, West Lafayette, IN

September 2018 – December 2018

- Used PROS API built on C and C++ to program the team's VEX U Robot
- Developed the robot's autonomous mode with 5 others so the robot could move around, pick up balls, shoot balls, flip caps, and precisely place caps on posts

Work Experience

Bricks 4 Kidz, Bay Area, CA

May 2018 - August 2018

Teacher

- Taught classes of up to thirty kids (ages 5-16) to express their creativity through building Lego models and EV3 Robots
- Organized the workflow for myself and teacher aids to keep the classes manageable
- · Aided students with disabilities to develop social and cognitive skills

SiliconValley4U, San Ramon, CA

June 2017 – August 2017

Teacher

- Taught classes of up to twenty kids (ages 7-13) the basics of programming
- · Created and organized relevant activities to keep kids engaged