Kevin Han

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OBJECTIVE

Undergraduate computer science student through engineering seeking summer 2023 software internship with interest in game software development.

EDUCATION

University of Michigan, Ann Arbor, MI   May 2023
Bachelors of Science in Engineering in Computer Science
GPA: 3.68/4.00
Deans Honor List Fall 2018, Winter 2019
Michigan Research and Discovery Scholars (2018)
Coursework: Introduction to Game Development, Data Structures and Algorithms, Web Systems, Operating Systems, Introduction to Computer Security, Autonomous Electronic Systems with Drones

SKILLS

C/C++, Python, Unity, C#, HTML, CSS, JavaScript, React, Git, Matlab
Windows, macOS, Linux
Fluency in Mandarin Chinese

PROJECTS

QUBE Ann Arbor, MI   October 2022
Unity Game Project
- Coded two week rapid prototype of an original 2D/3D puzzle platformer
- Designed levels to introduce interesting decisions
- Utilized event bus programming pattern to maintain a clean codebase

Warp Ball Shanghai, China   May 2021—August 2021
Unity Game Project
- Created 3D endless runner with an obstacle generator
- Explored post processing and UI effects to implement game "juice"

WolverineSoft Studio Ann Arbor, MI   September 2020—December 2020
Game Programmer
- 30 person four month effort to develop a complete top-down shooter game from scratch
- Implemented player mechanics such abilities, death and leveling
- Contributed to project in scrum project management environment

YHacks Hackathon New Haven, CT   October 2019
Coding Event Participant
- Investigated sentence shortening and paraphrasing algorithms to code note taker program
- Collaborated with peers to utilize Google Cloud Natural APIs for syntax analysis, adjective identification, speech transcription and sentence paraphrasing.
- Learned Python language to implement tf-idf for identifying least important sentences

University of Michigan Department of Mechanical Engineering, Ann Arbor, MI   September 2018—May 2019
Undergraduate Research Assistant
- Reviewed relevant papers to learn about solar and semiconductor principles
- Assisted Post-Doctorate mentor in fabricating MoS_2 nanomaterials samples for characterizing electronic properties of two dimensional MoS_2.
- Presented research at student research symposium at the end of the term to peers and other mentors.

ACTIVITIES

University of Michigan Badminton Club, Training Chair   May 2019—May 2020
CARITAS Shanghai Migrant Education Project, English Tutor   September 2017—May 2018