DANA HSIAO

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SKILLS

- Unity
- C#
- Python
- React
- HTML
- CSS
- JS

OTHER ACTIVITIES

- Big Red Marching Band
- Art Club President (2017-2018)
- Art Club Treasurer (2015-2017)
- Taiko Performance Group Treasurer (2016-2017)
- SOFC (Student Organization Funding Committee)
- National Honor Society

PROFESSIONAL EXPERIENCE

XR Software Engineer, Alakazam Inc; Portland, ME — Fall 2021 - Present

- Added custom features to Mozilla Hubs, ie. full-body avatars, eCommerce support

Research Developer, Cornell University; Ithaca, NY — 2018 - Winter 2019

- Added features and avatars to various Virtual Reality applications
- Led a small team in recreating a VR environment from a previous study in Unity

Producer, MassDiGI; Worchester, MA — Summer 2019

- Led a team of eight students in developing a novel game from conception to release
- Led playtesting of prototypes at game conventions
- Designed and implemented key systems in the game

Bookkeeper; Wellesley College, Wellesley, MA — Spring 2018

- Managed funding accounts for Club Sports and Non-Athletic Teams
- Reimbursed students and outside vendors for club expenditures

Teaching Assistant; Wellesley College, Wellesley, MA — 2017-2018

- Held open office hours for students to receive help with homework
- Assisted my professor design changes to the course and assignments

Research Developer; University of Oldenburg/NSF-IRES, Oldenburg, Germany — Summer 2017

- Ported an existing Augmented Reality application from Google Cardboard to the Microsoft HoloLens
- Created compression functions to improve visibility in the heads-up display

PROJECTS AND ACTIVITIES

Human-Agent Collaboration Game; Ithaca, NY — Spring 2019

- Headed my team's UI subcommittee
- Worked with the client's design consultant to build initial wireframe
- Built high-fidelity prototype with feedback from user testing

Pyret; Ithaca, NY — Spring 2019

- Created native desktop app with Electron from an existing code base
- Automated installer creation and uploading for Mac, Windows, and Linux with TravisCI

EDUCATION

Wellesley College; Wellesley, MA — BA - Computer Science, Spring 2018

Cornell University; Ithaca, NY — Masters of Engineering - Computer Science, Winter 2019