

Jingqi Yang

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Education

Tufts University - *B.S. in Computer Science, May 2020*

GPA: 3.82

Experience

Girls Make Games - *Instructor, Programmer*

June 2017 - Nov 2020

- Wrote C# scripts and QA tested for the Girls Make Games Unity assets package
- Taught students game development with Unity, Construct 3, and Stencyl
- Star Camp Counselor 2017 and 2018, Girls Make Games Fellow 2018 and 2020

Tufts University - *Teaching Fellow, Teaching Assistant*

Sept 2018 - May 2020

- Advised the professor, reviewed course materials, and facilitated communication between the professor and other teaching assistants for the Spring 2020 Computational Theory course
- Led recitations, held office hours, and graded assignments for the Computational Theory and Introduction to Computer Science courses

Facebook - *Software Engineering Intern*

May 2019 - Aug 2019

- Trained machine learning models and ran experiments to improve the Stories ranking system
- Improved the logging process and added new events and features to Stories ranking training data

Projects

TxtAd

Fall 2019

- TxtAd is a domain-specific language implemented in Haskell for developing text adventure games. TxtAd programs are compiled into text-based video games. TxtAd makes use of Template Haskell to perform analyses at compile-time to ensure games are well-formed.

TA Simulator

Fall 2018

- Project lead, game designer, Unity engineer, artist, and editor. TA Simulator is a 2D video game that introduces you to the world of teaching computer science, and teaches you how to be a great teaching assistant.

Relevant Coursework

- Compilers, Programming Language Design, Programming Languages, Machine Structure and Assembly Language Programming, Concurrent Programming, Machine Learning, Artificial Intelligence, Linear Algebra, Web Programming, Computational Theory, Algorithms, Data Structures

Skills

- C++, C, Python, Java, Haskell, Standard ML, Erlang, React, Unity, Git

Activities

- Tufts JumboCode, Sept 2018 – May 2019
- Tufts University Club Volleyball, Oct 2018 - May 2020