
Esther Tzau

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Education

Tufts University | Medford, MA | May 2021
B.A. Computer Science and American Studies

Group Projects

Balloon Animals VR Promo

<https://tinyurl.com/balloonanimalsvr>

- Created 3D models for virtual reality simulation within a team of 4 programmers

AmuseMe App Demo

<http://tinyurl.com/amusemeapp>

- Implemented music guessing game web app using the Spotify API in a team of 6 programmers

Skills

C++11/14 | Python

Maya | Adobe Suite | Unity

Working in UNIX environment | Git/GitHub

Relevant Coursework

Computer Graphics (OpenGL, shading languages, GPU architecture)

Algorithms | Data Structures | Web Programming

Animation | Game Design | Graphic Art

Experience

Technical Intern | FableVision Studios | Boston, MA

Start date: Jan 24, 2020

- Will complete intern project (with other interns) and assist technical director with internal projects

Teaching Assistant | Girls Who Code SIP @ Riot Games | Los Angeles, CA

July—Aug 2019

- Instructed 17 high school girls in Scratch, Python, HTML/CSS/JavaScript, Arduino C, and data science
- Supervised 7 final project teams; demonstrated the design-build-test cycle for their MVPs and SCRUM methodology
- Fostered computational thinking skills in a collaborative environment, clarified content, and encouraged pursuit of STEM interests in a span of 7 weeks

Senior Counselor | Project Destiny Summer Camp | Boston, MA

June—Aug 2018

- Created curriculum for a class called “Asian American Mythbusters” and managed a classroom of 12 middle school students in the Chinatown community
- Focused course content on Asian American history along with graphic art software, which students used to express their stories and experiences

Graphic Design Intern | MassChallenge Startup Accelerator | Boston, MA

May 2017

- Created office wayfinding projects and signage, and formatted onboarding materials for incoming startups in conjunction with supervisor
- Developed personal branding and practiced the design process

Participant | Girls Who Code SIP @ TripAdvisor | Needham, MA

June—Aug 2016

- Implemented and presented EdTech mobile app called GetReady: <https://tinyurl.com/getReadyApp>

Activities

Multimedia Co-Director | Tufts Observer Magazine

Oct 2019—present

- Design engaging content for campus publication, experimenting with animation, visual journalism and interactive web design
- Manage renewed, growing team of artists, programmers, and music producers

Intern and Peer Leader | Tufts Asian American Center

Aug 2019—present

- Organize and facilitate community-building and educational events for the Asian American community on campus
- Serve as a resource for 21 first-year advisees

Screening Committee Member | Boston Asian American Film Festival

Apr 2019—Oct 2019

- Rated and critiqued films featuring and/or produced by Asian American artists, and ushered during the festival

Underclassman Representative | Tufts Women in Computer Science (WiCS)

Jan – May 2018

- Planned professional and social events and workshops for the women and non-binary CS community
- Designed and distributed marketing materials and served as underclassman voice on board