

HANNAH R. WETTERAU

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EDUCATION

The University of Texas at Austin, Austin, TX

Expected Graduation: May 2020

Pursuing a Bachelor of Science in Computer Science

Current GPA: 3.9665 - (College Scholar)

Pursuing a Certificate in Digital Arts and Media

Bridging Disciplines Program

Relevant Coursework: *Honors Computer Graphics, Computer Networks, Principles of Computer Systems, Computer Architecture and Organization, Probability and Statistics, Data Structures, Discrete Math, Linear Algebra, Honors Integral and Multivariable Calculus*

TECHNICAL SKILLS

Proficient in Java, C, C++. Familiar with Python, PHP, SQL, HTML, CSS, Maya, Adobe Creative Cloud

PROJECTS

Animation

Spring 2019

Built a simple animation system using OpenGL that interpolated a model's motion between keyframes

Ray Tracer

Spring 2019

Implemented a ray tracer to render a 3D scene with reflections and refraction.

Pintos

Spring 2018

Expanded an Operating System framework by implementing priority scheduling of threads, system calls, and virtual memory

WORKSHOPS

Created small apps via Android and IOS development

February 2017

Created a VR video game with Unity

September 2016

EXPERIENCE

Software Engineering Intern at Facebook

May-August 2019

Web mining data seeking a parallel corpus for translation

First Bytes, UT Austin – Programming Assistant

June 2016

Advised campers in creating light shows using Arduino boards and C++

International Quidditch Association Website

August – October 2015

Worked with translators and made translation pages for the IQA website (HTML & CSS)

INVOLVEMENT

Nell Dale Mentorship Program (Mentor of Freshmen Women in CS)

Member since 2017

WiCS (Women in Computer Science)

Member since 2016

MAD (Mobile App Development)

Member since 2016