

# JAMES DILLON HALL

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## PROFILE

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A senior computer science major who is passionate about interactive entertainment. Experienced in design and technology from a interdisciplinary education in art and engineering. Seeking work in creative technology or game development with a strong collaborative team.

## EDUCATION

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### Northwestern University

Senior Undergraduate

Computer Science & Radio, TV, Film Double Major

Focus in Media Arts and Game Design

September 2016 - June 2020

GPA: 3.5

## SKILLS

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### Programming Languages

JavaScript, GLSL, C#, C++, Python, HTML, CSS

### Tools & Frameworks

Unity, WebGL, Three.js, AutoDesk Maya, Bash, Git

## RELEVANT COURSEWORK

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Introduction to Computer Networking (TA)

Algorithms & Data Structures

The Mathematical Foundations of Computer Science

Human Computer Interaction

Computational Photography

Introduction to AI

Game Development and Design 1 & 2

Computer Graphics 1 & 2

## EXPERIENCE

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### LineLibrary

*Startup Company*

November 2018 - February 2019

- Built a simulator of a sports betting and trading platform for use in venture capital meetings.

## EXTRACURRICULAR

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### The Garage Startup Incubator

*Artist in Residence*

January 2020 - Present

*Northwestern University*

- Selected for an exclusive position in the 2020 cohort to explore the intersection of art and technology

### WNUR Student Radio

*Traffic Director & Jazz Show Director*

September 2017 - Present

*Northwestern University*

- Coordinate with directors of radio shows to acquire new content for the automation system
- Communicate with labels and promoters regarding new releases and Jazz events in the Evanston-Chicago area

## PROJECTS

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### Video Synthesizer

*Web Application*

June 2019 - September 2019

- Designed and Implemented a visual programming language with HTML and CSS that compiles to GLSL and runs in the browser through WebGL.