
Lucien Eckert

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Current Address:

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Permanent Address:

47 Midwood St. Brooklyn, NY 11225

Education

Cornell University, College of Arts and Sciences, Ithaca, NY

Pursuing B.A. in Information Science, expected graduation May 2023. GPA: 3.9

Relevant Coursework:

- Object-Oriented Programming and Data Structures
- Data Structures and Functional Programming
- Introduction to Game Development
- Introduction to Data Science
- Introduction to Machine Learning
- Information Ethics, Law and Policy
- Statistics and Research Design

Related Experience

Portfolio: <https://lucieneckert.github.io>

Team-Based Game Development

Spring 2020

INFO 3152: Introduction to Game Development

Ithaca, NY

- Worked on a team of 8 to develop a game in LibGDX in a project-based game design course
- Collaborated with a team both in-person and in a remote working environment
- Developed robust design documents for prototypes, design specifications, etc
- Rapidly prototyped level designs and built up interesting situations with core gameplay blocks
- Ran playtesting sessions and compiled notes to fine-tune game feel and level design
- Spearheaded music composition and sound design

Game Development Project Manager at AI-Learners

Winter-Summer 2021

Ithaca, NY

- Implemented math and logic focused educational games aimed at kids with disabilities
- Learned management techniques and coordinated the game dev team in an agile environment
- Studied best practices for making web applications accessible and customizable for users
- Interfaced with tools like Firebase to leverage data-driven design principles

Independent Game Development

Summer 2020

- Worked solo to develop a game in 3 months using Godot Engine
- Became familiar with efficiently reading documentation to independently produce code
- Designed all visual and audio assets with tools like GIMP, LMMS
- Created marketing materials and distributed the game on itch.io

Other Experience

Business and Media Subteam Member

2019-2021

Combat Robotics at Cornell

Ithaca, NY

- Worked to maintain the team website and provide up-to-date logos, merch, and branding materials
- Helped organize fundraisers on-campus, compiled a list of sponsorship contacts to fund the team
- Collaborated with other team members to produce a professional sponsorship packet

Technical Skills

Programming: Proficient with Java, Python, OCaml, Git, Godot Engine, Experience with Unity/C#

Data Science: Proficient with R, pandas, NumPy, scikit-learn, Experience with PyTorch

Web Development: Experienced with HTML, CSS, JavaScript & TypeScript, React

Digital Asset Creation: Proficient with GIMP, Photoshop, LMMS, Experience with Blender

Misc. Computer Skills: Proficient with LaTeX, Microsoft Office/Google Suite, Figma

Awards

Regeneron Science Talent Search 2019 Semi-Finalist

Activities

Big Red Billiards • Cornell University Development in Games Association