

Lucas Chen

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Dedicated and versatile Software Engineer with a variety of project and management experience. Well-developed knowledge of data structures and algorithms, and game development.

Education

Villanova University, Villanova, PA

Expected May 2022

Bachelor of Science, Computer Science

Engineering Entrepreneurship Minor

GPA: 3.61/4.00

Project Highlights

Portfolio Website Development Project, Personal

August 2019 - Present

- Designed a website showcasing past projects utilizing *Wordpress.com* (luckism.wordpress.com)
- In progress of learning *PHP* for creation and development of website

Introductory Game Development Project, Personal

July 2019 - Present

- Initiated a game development team accompanied by one other Computer Science student
- Developed an Escape Room with *Unreal Engine*, *Microsoft Visual Studio* as a *C++* compiler, and *SourceTree* as frontend Git
- Currently building a simple 2D Platformer using *Unity* and *Microsoft Visual Studio*
- In progress of creating an interactive, action-based RPG in *Unreal Engine*

Engineering Entrepreneurship Project, Villanova University

May 2019 - July 2019

- Collaborated in a multidisciplinary team of six on design of a two-hand clasp for wearables
 - Filed for a *provisional patent* for wearable devices possessing a two-hand clasp
 - Led development of look-alike Android application for device using *Android Studio*
 - Created and maintained a look-alike company website with *HTML*
 - Utilized *SolidWorks* and a *3D Printer* to model and print design prototypes
 - Conceptualized and developed venture plan for project and presented to a committee board
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Work Experience

Lighting and Audio Tech, Villanova University Tech Crew, Villanova, PA

September 2018 - Present

- Web Team - coordinated a team of five utilizing web design and coding skills to develop and maintain the VUTC website

Office Assistant, Villanova University Career Center, Villanova, PA

January 2019 - Present

Core Skills

Backend: Proficient with Java, C++; Familiar with C, C#, Go, Python

Frontend: Familiar with Javascript, HTML, CSS, PHP

Software: Microsoft Visual Studio 2019, Unity, Unreal Engine

Tools: Arduino, WordPress, GitHub, Microsoft Office, SourceTree

Spoken Languages: Fluent in English and Mandarin Chinese

Activities

Academic: ACM Student Chapter, Villanova Game Development, Coding Club, NovaSASE

Social: Asian Student Association, Outdoors Club, Rock Climbing Club, Baking Club, Running Club