

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 software development.

Education

Villanova University, Villanova, PA
Bachelor of Science, Computer Science
GPA: 3.61; Dean's List

May 2022

Project Highlights

VORTEX LinkedIn Data Project, Villanova University October 2019 - Present

- Organized a team of 6 for the development of a *Python* application to scrape alumni data from LinkedIn for use by Villanova Admissions and Business School with a *SQL* database

Portfolio Website Development Project, Personal August 2019 - Present

- Designed a website showcasing past projects utilizing *Wordpress.com* (luckism.wordpress.com)
- Developing website using *HTML*, *CSS*, and *JavaScript* (chenlucas11.github.io)

Introductory Game Development Project, Personal August 2019 - Present

- Initiated a game development team accompanied by another Computer Science student
- Developed an Escape Room with *Unreal Engine* and *Microsoft Visual Studio*
- Building a simple 2D Platformer using *Unity* and *Microsoft Visual Studio*

Engineering Entrepreneurship Project, Villanova University May 2019 - July 2019

- Collaborated in a multidisciplinary team of 6 on design of a 2-hand clasp for wearables
- Filed for a *provisional patent* for wearable devices possessing a 2-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

Work Experience

Lighting and Audio Tech, **Villanova University Tech Crew**, Villanova, PA September 2018 - Present

- Coordinated a team of 5 utilizing *HTML*, *PHP*, *CSS*, and *SQL* to develop and maintain the VUTC website and database for the web team (www.vutc.com)

Office Assistant, **Villanova University Career Center**, Villanova, PA January 2019 - Present

Activities

Villanova Game Development Club, Villanova University September 2019 - Present

- Gathered a team of 7 on development of an arcade game to be used in an arcade machine

Coding Club, Villanova University September 2019 - Present

- Tutored students from other majors in *Java*, *HTML*, and *CSS*, while learning the basics of *Go*

Other: Asian Student Association, Outdoors Club, ACM Student Chapter, NovaSASE, LoL Team

Core Skills

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

Web Development: Familiar with Javascript, HTML, CSS

Tools: Microsoft Visual Studio 2019, Unity, Unreal Engine, GitHub, Microsoft Office

Spoken Languages: Fluent in English and Mandarin Chinese