

Joseph Kim

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COMPUTER LANGUAGES

Proficient: Python, C++

Advancing: HTML, CSS, JavaScript, Assembly

EDUCATION

New York University | Class of 2020

September 2016 – Present

Tandon: Pursuing B.S. in Computer Science

CAS: Pursuing minor in Philosophy

Park Ridge High School | Class of 2016

September 2012 – June 2016

Graduated 4.0 GPA

ACTIVITIES

OSIRIS Research Lab | Member

March 2018 – Present

- Member of OSIRIS cybersecurity research lab
- Actively participate in events such as talks and CTF competitions

TRM - CITY 2017 | Counselor & Media Team

May 2017 – August 2017

- Christian youth retreat/camp counselor
- Led promotional film/photography

Milal America Wheat Mission | Supervisor

December 2015 – July 2016

- Served individuals with disabilities; managed others' responsibilities

DECA Marketing Club | State-Finalist

September 2013 – June 2016

- Required rapid problem-solving and critical thinking as well as strong communication skills
- Introduced me to realistic professional scenarios and skills

PERSONAL INTERESTS

- Photography & Film-making
- Art / Illustration
- Music / Guitar
- Fashion
- Nonprofits / Philanthropy

EXPERIENCE

Intro to Computer Science | Teaching Assistant

January 2017 – Present

- Helping design the course including its various lecture topics, homework assignments, projects, etc.
- Engaging with students to help their understanding of fundamental concepts in programming and the computer science industry grow

TBDTS Games | Co-founder

2014 – Present

- Released the horror game *Deliverance* on PC and Mac in 2015 through *Steam*; worked on plotline and in-game textures
- Released mobile game *Gravity Slingshot* on Android in 2016 through the *Google Play Store*; worked on graphics/design

Pine Hill Retreat Center | Employee

May 2017 – August 2017

- Performed a large variety of tasks including, but not limited to: construction, maintenance, and cooking
- Had to understand guests' needs and quickly pick up new skills

PROJECTS

josephjd.kim | 2016 – Present

- Personal website
- Uses: HTML, CSS

GitarTheory | 2016 – Present

- Guitar chord database that works with properties of different chord qualities
- Uses: Python

RELEVANT COURSEWORK

** in progress

New York University, Tandon School of Engineering

- Design and Analysis of Algorithms **
- Computer Architecture **
- Computer Networking **
- Data Structures and Algorithms
- Object Oriented Programming
- Discrete Mathematics
- Data Analysis
- Linear Algebra and Differential Equations
- Calculus II

