Joshua Vorick

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Education

Georgia Institute of Technology   Atlanta, GA
- Bachelor of Science in Computer Science   *August 2014 - Present*
- Expected Graduation: May 2017

William Fremd High School   Palatine, IL
- 4.91 weighted GPA   *August 2010 - June 2014*
- Academic Scholar
- National AP Scholar

Online courses (*Coursera*):
- Machine Learning (Stanford)
- Algorithms: Design and Analysis, Part I (Stanford)
- Cryptography I (Stanford)

Experience

PCTEL   Bloomingdale, IL
Product Management Intern   *Summer 2014*
- Created interactive Product Concept Form in Excel using VIsual Basic
- Organized product history and made application that displayed summative history of past products' success

W. Kim Tae Kwon Do   Palatine, IL
Assistant Master   *February 2010 - August 2014*
- Head instructor for local YMCA and Park District classes
- Manage classes of up to 50 students and 5 assistant staffs

Projects

Sia
- Developed client interface for Nebulous Labs' Sia using termbox (similar to ncurses)

Visualizing Complex Functions
- Complex function visualizer written in C using OpenGL

Tower Defense
- Tower defense game written for Linux in C using the SDL graphics library

Fun With Particles
- Particle simulator in C++ using the Allegro 5 library
- Simulates flame, fireworks and Newtonian gravity

Skills

- Experienced in: C (4 years), Go, Java
- Some experience in: C++, Python, Haskell, Mathematica, Octave, Visual Basic
- 3rd Degree Black belt (and two time grand champion)
- Semi-fluent in Spanish