Clement Lee

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Education

Princeton University *Class of 2017* *3.75 GPA*
B.S.E. candidate in Computer Science
Relevant Coursework:
COS217: Programming Systems, learned about low-level computer design using C and x86 assembly
COS423: Theory of Algorithms, dealing with optimization from a theoretical perspective

University of Utah *3.84 GPA*
Cross-enrolled during during high school, 48 credits (sophomore status)
Near-completion of a math major and a CS minor, completion of graduate-level math classes

West High School *Class of 2013* *4.43 GPA*
Full honors, IB diploma

Experience

IT Chair *Dec 2013 to present*
Princeton Undergraduate Student Government
Managing IT and developing student apps for the the Princeton student body.

Web Designer and Backend Developer *Sep 2013 to present*
Innovation Magazine
Bringing a modern redesign to Innovation as it moves towards web publication using PHP.

Lead Backend Developer *Jan 2014 to present*
Read Record Replay
Developing the server, managing the databases, and integrating the front end design of a new web site for an educational nonprofit dedicated to teaching English to young children using audiobooks.

Webmaster and Web Designer *Dec 2014 to present*
Princeton CSA, *Princeton TASA*, and *VTone*
Maintaining and redesigning the websites of multiple student organizations to help promote events.

Researcher and Programmer *May 2012 to April 2013*
University of Utah Visual Perception and Spatial Cognition Lab
Developed realistic environments in Python to visualize in head-mounted displays to test the effect of movement on distance and spatial judgment.

Web Developer *May 2012 to October 2012*
University of Utah Math Department
Worked on connecting University educational software to departmental online homework system modules by extending open-source software written in Perl.

Personal Projects
Developed a gesture recognition framework using convolutional neural networks to analyze motion features integrated over time in C++, and a game theory simulation studying the environmental factors behind cooperation in Python using multiprocessing.

Skills

Programming: fluent in Java/C#, Python, C/C++, HTML/CSS/Javascript, and x86 assembly

Mathematics: multivariable calculus, partial differential equations, and abstract algebra