JONATHAN E CHEN

software developer • aspiring entrepreneur

EDUCATION

Carnegie Mellon University | May, 2013
Bachelor of Science, Computer Science
        with minor in Business Administration
Cumulative GPA | 3.10 / 4.00

CONTACT

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          Pittsburgh, PA 15289

EXPERIENCE

Research Assistant | Carnegie Mellon University
April 2010 - August 2010
I worked on various computer vision & civil engineering projects in the 3D Vision and Intelligent Systems (3DVIS) Group at the Robotics Institute.

Database Manager | Unipac Shipping Inc.
June 2009 - August 2009
I maintained and organized the company database and had some exposure to MySQL.

IT Support Technician | LA INC. The Los Angeles Convention and Visitors Bureau
June 2008 - August 2008
I provided end-user support, routine maintenance, and infrastructure support for the company.

PROJECTS

Quality Assessment of As-Built Building Information Models | summer research project
April 2010 - August 2010
Using deviation analysis, I helped evaluate the quality of as-built BIMs; I also coded a simple point cloud converter that takes in proprietary formats and spits out plain ASCII files.

Virtual CMU | independent research project
June 2010 - present
I am recreating the CMU campus in a virtual environment that integrates with real-world applications, such as pathfinding, crowd motion analysis, social networking, geocaching, etc.

SKILLSET

Programming | Java, C, Perl, Python
On the Web | JavaScript, HTML, CSS, MySQL, PHP
Game Dev | JS/HTML5 libraries, Flash, Unity, XNA
Applications | Photoshop, Illustrator, Eclipse, GitHub

COURSES

Effective Programming in C & Unix
Great Theoretical Ideas in Computer Science
Fundamentals of Data Structures & Algorithms
Introduction to Computer Systems
Entrepreneurship for Computer Scientists
Technical Communication for Computer Scientists