Kevin Yeh

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EDUCATION

9/2008 - 6/2012 **Stuyvesant High School**   New York, NY
CS Average: 97.8 | NY Specialized High School Degree

Coursework: *AP Computer Science AB (Data Structures),*
Systems Level Programming, Networking, Computer Graphics

8/2012 - 5/2016 **University of Texas at Austin**   Austin, TX
G.P.A. 4.0 | Bachelor of Science: Computer Science (Anticipated)

Coursework: *Computational Intelligence in Game Research, Computer Graphics,*
Logic, Sets, and Functions: Honors, Computer Architecture,
Originality in Arts and Sciences Research: Honors

Awards: Walter Smith Scholarship and Tuition Exemption

WORK EXPERIENCE

2/2013 - present **Blastro Networks** | Android Developer   Austin, TX
Updated the Blastro app with new REST API calls and JSON for performance and portability to
smartphones, tablets, and connected TV. Currently rebuilding the UI and code structure to conform to
modern Holo guidelines and utilize ActionBar features introduced in Honeycomb.

PERSONAL PROJECTS

Languages: Experienced in Java and C/C++ (3+ years), Perl and Ruby (1 year);
Proficient in Python, JavaScript, Netlogo and Scheme.

Technologies: Experienced with Android, OpenGL, Rails + Ajax, HTML5/CSS, JSON, and TCP/UDP.
Proficient with Paypal Adaptive Payments, Swing, and SDL APIs.

March 2013   **kyeh.me** - a personal website built with the Foundation 4 framework. Testing on cs.utexas.edu/~kyeh.
October 2012   **Donation-Z** - an Ebay Hackathon game using PayPal's Adaptive Payments API. Players compete
on a weekly leaderboard for the chance to donate all profits of the week to their charity of choice.

The Graphinator - a Hack Texas graph visualizer and property finder developed to aid in
graph theory education.
June 2012   **SwipeSpin** - an in-progress Android application for creating short animations using touch inputs.

ACADEMIC PROJECTS

March 2013   **Six Degrees of Kevin Bacon**
- Built a Perl script to search through IMDB for the Bacon Number and associated path of any actor.
- Added additional UI features and strengthened regex matching to be concise and 10% more
efficient than the instructor's solution.

June 2012   **Graphics Engine**
- Built a C graphics engine for rendering 2D curves and 3D shapes with various lighting algorithms.
- Created a graphical Java Swing port for freehand drawing and transformations.
- Implemented a motion description language to read and execute animation scripts.

January 2012   **VizChat (Visual Chat Server)**
- Created a multicast UDP chat server in C based on the concept of avatars walking
to different chat rooms across monitors.
- Visual portions were implemented in SDL, and data transferred over TCP.

SKILLS & ACTIVITIES

2008 - 2012   **Stuyvesant's Long Form Improv Troupe -** Experienced in short and long form improvisational games,
structures, and techniques.
2004 - 2011   **Graphic Design -** Provided illustration and design services to online communities and their forums.