

# WILLIAM CHOU

wc264@cornell.edu  
http://www.williamchou.com

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## Experience

**Arkadium** *September 2010 – present*  
Game Developer

- Worked in AS3, Flash, C#, XNA at a Facebook and casual game company.
- Lead mobile development on upcoming cross-platform casual titles in partnership with Microsoft.
- Lead frontend development for social game "Writer's Blox", growing from 18K to 300K MAU.
- Lead development on and introduced unit testing to internal AS3 networking API.
- Wrote common components for use in social titles, including flagship "Mahjongg Dimensions Blast" and "Konami Twilight Carnival".
- Wrote HTML5 Canvas minigame prototypes in JavaScript.

**FreshPlanet** *June 2010 – August 2010*  
Game Developer

- Worked in AS3, Flash, PHP, JS and Python at a Facebook game startup.
- Lead frontend development for 150K+ DAU flagship game "Crazy Cow Music Quiz."
- Fixed critical backend bugs by improving query performance by, in some cases, over 100x.

**Build-It-Yourself** *Summer 2009*  
Game Developer Intern

- Worked in AS3, Flex and PHP at a technology education startup.
- Programming lead of a team of interns building a Flash-based social webapp for children.
- Designed end-to-end stack and contributed over 8,000 LOC.

**Buqoo** *Summer 2008*  
Developer Intern

- Worked in Ruby on Rails at a web startup.
- Implemented a reputation system and improved content search and web mapping.
- Responsible for all tech management, i.e. sysadmin in Solaris, deployment, data ETL.

**Cornell University Computational Sustainability** *Fall 2009*  
Student Game Developer

- As part of a \$10MM NSF Grant, developed "Edutainment" game in C# & XNA in a team of six.
  - Designed and implemented fundamental education mechanic teaching linear programming.
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## Education

**Cornell University** *February 2010*  
M.Eng in Computer Science  
GPA: 3.7

**Cornell University** *May 2009*  
B.A. in Computer Science  
GPA: 3.4, Dean's List

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## Activities

**Absolute Zero Breakdancing Club** *2005 – present*  
◦ 2009 Northeast intercollegiate champions.

**Cornell CS Teaching Assistant** *Fall 2009*  
◦ Taught recitation and held office hours for programming course CS1112.