

**Howard Braham**  
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## EDUCATION

2005–2007 **Entertainment Technology Center, Carnegie Mellon University** Pittsburgh, PA  
Masters of Entertainment Technology, expected May 2007, GPA: 4.0  
**Projects:**  
<http://gamenomics.com> – Programmer and designer for a fun and educational business simulation  
<http://skyrates.net> – Programmer and designer for a sporadic MMO with more than 1600 players

1998–2002 **Columbia University** New York, NY  
B.A. in Computer Science, May 2002  
Phi Beta Kappa, magna cum laude, Dean's List all 8 semesters  
Overall GPA: 3.9; Computer Science GPA: 4.2

Summer 2001 **DigiPen Institute of Technology** Redmond, WA  
Summer Workshop in Video Game Programming: Level Two

1992–1998 **Hunter College High School (competitive entrance exam)** New York, NY  
*Electives:* Chemistry, Physics, AP Computer Science, AP Chemistry, AP Physics, BC Calculus,  
Independent Study in C++

Summers 94–00 **Computer-Ed Camps** Newton, MA  
*Courses:* Beg–Int–Adv Pascal, Beg–Int–Adv C, Beg–Adv C++, Visual Basic, UNIX,  
Beg Assembly, Beg–Adv Graphics in C, Java, Adv Web Publishing, R/C Cars

## WORK EXPERIENCE

Summer 2006 **Walt Disney Imagineering** Glendale, CA  
Programming and design for rapid prototypes of interactive attractions to be installed in Disney theme parks

2/05–8/05 **Large Animal Games** – <http://largeanimal.com> New York, NY  
Programming and game design for a casual games company in Flash, Torque, and Torque2D.  
Worked on Rocketbowl, TuneUps, Birthday Balloons, Hats Off, Say What, Sugarbubbles, Lego Brickout, and Saints & Sinners Bowling.

6/03–8/05 **New York Hospital–Weill Cornell Medical Center** New York, NY  
Conducting research in computer vision, focusing on Magnetic Resonance Angiography

6/04–10/04 **BzzzNet** New York, NY  
Writing reviews of video games and keeping a blog on gaming news for an Internet startup

10/02–5/03 **Ice Pond Studio**  
Internship: used my knowledge of math, physics, and computer science to develop simulations of realistic movement in Maya

Summer 2001 **Columbia Presbyterian Medical Center, Dept. of Medical Informatics** New York, NY  
Used HTML, Flash, and JavaScript to develop a tutorial for elderly patients to monitor and improve their diabetic condition. Used Java to develop a natural language processing system for technical support emails.

Summers 98–00 **Computer-Ed Camps** Newton, MA  
As counselor, taught BASIC, Pascal, C, C++, VB, and Java

1998 **Language Lab of Hunter High School** New York, NY  
Spent a semester developing a system in Visual Basic enhanced PowerPoint to help students prepare for the oral section of the AP French test

1997 **St. Luke's-Roosevelt Medical Center** New York, NY  
Worked with IT staff to develop medical databases in Oracle SQL Windows

1993–1997 **Jacobi Medical Center** Bronx, NY  
Computer and database consulting

## COMPUTER SKILLS

**Expertise in:** C, C++, Java & Swing, Visual Basic, Pascal, Flash, ActionScript, Torque, Python, Panda3D  
**Experience with:** JavaScript, HTML, PHP, SQL, Delphi, Bash, MIPS & 80286 assembly, MEL

## FAVORITE GAMES

**Adventure:** King's Quest, Space Quest, Monkey Island, Grim Fandango, Gabriel Knight  
**FPS:** Goldeneye, Half-Life (incl. Counter-Strike & Natural Selection), Dark Forces/JK/JK II, Tribes, Deus Ex  
**Strategy:** Civilization, StarCraft, Star Control **Racing:** Mario Kart, F-Zero X **Other:** Black & White, SimCity