

# Rohit .O. Chokhani

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## EDUCATION:

### NORTHEASTERN UNIVERSITY

Boston, MA

#### College of Computer and Information Science

Sept 2003 - Present

Candidate for a Master of Science in Computer and Information Science, 2005

Courses: Algorithms, Computer Graphics, Digital Image Processing, Computational Photography.

GPA: 3.61 / 4.0, Honors: Upsilon Pi Epsilon

Projects:

- Solved and implemented the N-Queens problem in 3D using object oriented programming concepts.
- Implemented various raster and clipping algorithms in 3D using OpenGL.
- Implemented a scanner/parser using the tool SLL GEN and Scheme programming language.
- Implemented an interpreter, type checker using Scheme programming language.
- Created an Object oriented design for a Billiards Board game using State charts.
- Implemented code to handle collisions and bouncing of balls for the billiards game.

### WORKSTATION-TASAA NETCOM PVT LTD

Mumbai, India

#### Certification in 3d Animation and effects, Certification from Discreet

Dec 2002 – July 2003

Projects:

- Created an 11 sec animation of the matrix code along with titles
- Animated a walk-through a cave with water in it.
- Created a 3d model of an old space ship.

### UNIVERSITY OF MUMBAI

Mumbai, India

#### Bachelor of Engineering-Computers

Aug 1998 - Aug 2002

Projects:

- Programmed various Raster and Clipping algorithms using C++ programming
- Implemented a basic Assembler using C and C++ programming
- Created a bank accounting application using C programming
- Programmed library management application using C++ programming

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## COMPUTER KNOWLEDGE:

**Languages:** C/C++, Visual Basic, VC++, VB.Net, HTML, Smalltalk, Scheme and Pascal.

**Tools:** OpenGL, Adobe Photoshop, 3D Studio Max, Adobe Aftereffects, Macromedia Director, Macromedia Flash, MATLAB, SAS, SPSS.

**Scripting:** XML, LUA.

**Databases:** Oracle, SQL and MS Access.

**Operating Systems:** Windows 9x/ME/2000/XP, UNIX, Linux, MS-DOS.

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## WORK-EXPERIENCE:

### BACKBONE ENTERTAINMENT (IMAGINE ENGINE)

Framingham, MA

#### Graphic Technician

April 2004 – Dec 2004

- Designed levels for the game “Fairly Odd Parents”(Thq, Nickelodeon)
  - Managed various graphical assets for “The Incredibles”(Thq, Pixar)
  - Enhanced various graphical tools using c++ programming
  - Processed and managed art for titles such as “Tetris Elements”, “Avalanche”.
  - Modified the Game engine Fox to support and bind Lua scripting.
  - Provided support to the external developers and implemented XML scripts for Disney’s “Playhouse”.
  - Tested the above mentioned game titles on Windows and Mac machines.
  - Debugged and fixed various bugs in the above mentioned games.
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## WORK-EXPERIENCE: (Continued)

### **POLARIS SOFTWARE LAB LTD**

**Associate Consultant**

Mumbai, India

April 2003 – Aug 2003

- Provided software support. Enhanced and tested software modules using Visual Basic.
- Contributed to project status / project review meetings and group meetings.
- Supported client calls. Attended corporate trainings and documented software changes.

### **HERBALIFE INTERNATIONAL-FASTRACK ORGANIZATION**

**Network marketing supervisor- self employment**

Mumbai, India

Oct 2002 – March 2003

- Conducted client presentations and follow ups
  - Attended focus groups, success builder training and national conventions.
  - Participated in group meetings. Communicated with the business hierarchy. Supervised the juniors.
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## SPECIAL PROJECTS:

### **CADLAB, NORTHEASTERN UNIVERSITY**

**Research Assistant**

Boston, MA

Jan 2004 – April 2004

- Designed and implemented software application for “Perceptual Anchoring” project.
- Designed and implemented various visual interfaces for the CADLAB.
- Processed the information collected from 20 subjects and compiled the final analysis.
- Participated in weekly CADLAB group meetings. Brainstormed ideas and designs for other projects.

### **INSTITUTE ON URBAN HEALTH RESEARCH**

**Research Assistant**

Boston, MA

Jan 2005 – Present

- Analyzed and managed research data using SAS
  - Encoded, recoded and processed various SAS codes.
  - Created statistical reports and summary reports for the processed data.
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## EXTRA – CURRICULAR ACTIVITIES:

Oasis leader- Northeastern University- 2005-2006

Chief of Organizing Committee and Master of Ceremonies-Annual College Festival-2002

Member of CSI-computer society of India-2001-2002

President of Young giants group of chowpatty – 1996-1997

**HOBBIES:** Photography, Making independent movies, dancing, choreography, Hiking, Basketball and Swimming.

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