

Mike Jutan

Current Address

Online resume
Please email me for
my current contact info.

Bachelor of Mathematics
(Honours Computer Science Co-op)
University of Waterloo
Email: jutanclan@gmail.com
www.mikejutan.com

Permanent Address

Online resume
Please email me for
my permanent address.

Employment Objective and Personal Characteristics

- To make my mark as an innovative programmer in 3D feature animation & visual effects
- Very enthusiastic, energetic, hard-working, creative and personable
- Strong leadership qualities and communication skills

Computer Skills

- *Programming expertise:* C++, MEL script, Java
- *Software:* Maya, Houdini, Adobe Photoshop, Alias ImageStudio, Visual Studio .NET, Eclipse, Microsoft Office, OpenOffice.org, Keynote, Matlab, CVS, Perforce, VTune
- *Operating Systems:* Windows, Linux (Ubuntu/Fedora/Red Hat), Unix (Solaris), Mac OSX
- *Other programming experience:* C, HTML, Python, Visual Basic, gtkmm, MIPS, Swing

Education

- Bachelor of Mathematics, (Honours Computer Science Co-op), University of Waterloo, Waterloo, Ontario, Canada. Sept. 2002 - April 2007 (Graduated with Distinction)
- Ontario Secondary School Diploma, London Central Secondary School, London, Ontario, Canada. Graduated June 2001 as Ontario Scholar (92.5% OAC Average)

Work Experience

Industrial Light + Magic, San Francisco, California: 2007-Current

Associate R&D Engineer, Creature Pipeline Development: July 2007-Current

- C++, Python, Maya API software development for new in-house tools
- Collaboration with TDs during design and implementation
- Teaching at LucasFilm Animation and ILM: Python, MEL and Maya API

Pixar Animation Studios, Emeryville, California: 2005-2006

Technical Director Intern - Sets Dept., Disney•Pixar's Wall-E: Aug-Dec 2006

- Modeling of set props, UV Mapping, MEL and Python scripting, model creasing and fixes, applying shaders, layered shader dirt/dust/rust painting, applying graphics
- Developed & published scripts to improve my efficiency and to benefit other TDs
- Presented MEL tools which I had developed in previous internships to the Sets TDs

Production Engineering Intern: Jan-April 2006

- Designed and developed Maya variant and scene management tools in MEL
- Worked closely with Production teams to complete time-sensitive Python scripts
- Taught a selection of Maya 7.0 new features, tips and tricks to Pixar modeling TDs

Production Engineering Intern: May-Aug 2005

- Maya C++ API plug-ins, MEL development for upcoming Disney/Pixar feature films
- Designed, fully implemented GUIs & Maya tools, based on requests from Pixar TDs
- Siggraph 2005 Pixar booth representative, Los Angeles, California

Alias (formerly Alias|Wavefront), Toronto, Canada: 2003-2004

Maya 7.0 Modeling / Maya 6.5 Performance developer: Aug-Dec 2004

- Created several new Polygonal modeling/UV texturing features and developer tools
- Improved outdated documentation to increase the productivity of future developers

Maya 6.0 API/Performance developer: Jan-Apr 2004

- Played a lead role in Maya performance improvements for version 6.0
- Presented my findings to 100 developers and executives, filmed for Alias India office

Alias ImageStudio 1.0 Software Developer: May-Aug 2003

- Learned Alias's proprietary MEL scripting language, created several key UI elements

Harvey Norman Computer Superstore, Newcastle, Australia: Dec 2001-Mar 2002

- Computer Salesman at Australian retail chain - <http://www.harveynorman.com.au>
- Required expert, up-to-date knowledge of a wide range of computer hardware/software
- Promoted to a high-level of commission plus salary after only 3 weeks

President, Computer Solutions: 1995-2002

- President of my own computer consulting business
- Specialized in web design, tutoring, onsite troubleshooting, OS/software/hardware install
- Contracts with: JASC Software Inc, University of Western Ontario, The NRG Group
- Addressed 150 Canadian business leaders, spoke about my career goals
- Interviewed for several full-page feature articles in London and Toronto newspapers

Film Credits

- Wall-E (2008), Disney•Pixar: Sets Department
- Ratatouille (2007), Disney•Pixar: Software Development - Production Engineering

Leadership

University of Waterloo

- Student Panel, Faculty of Mathematics Campus Day: 2007
- You @ Waterloo, Residence Tour Guide: 2006
- JSA Exec, Communications: 2006, Member-At-Large: 2007
- Frosh Orientation Leader, Village Residence: 2003, 2005
- Faculty of Mathematics Campus Day Tour Guide: 2003, 2005, 2007

Student Council, London Central Secondary School

- President 2000-2001
- Social Director 1999-2000
- Grade 10 Representative 1997-1998
- Grade 9 Representative 1996-1997

Fundraising and initiatives with Student Council: 1996-2001

- Organized and planned several large fundraising events throughout secondary school
- Make-A-Wish Foundation: raised funds, sent a disabled girl & her family to Disneyland
- Chief organizer for two large conferences at my high school and frequent OSSSA leader
- Facilitated fundraising for United Way, Scrooge Campaign, 30 Hour Famine

Travel Experience

Europe: April 2007-July 2007

- Backpacked through France, Spain, Italy, Greece and the Greek Islands
- Learned about fine wine/cheese/bread, but consumed cheap wine/cheese/bread
- A great adventure in between graduating from University and starting work in California

Australia and New Zealand: July 2001-July 2002

- Backpacked across Australia, met many travelers from many countries
- Gained valuable job experience and maturity
- Challenged myself with extreme sports including: scuba diving, mountain biking, surfing, mountain climbing and white water rafting

Oxford, England: June 1994-July 1995

- One year Sabbatical with my family
- Attended top rated Frideswide Middle School in Oxford for Year 8 (Grade 7)
- Learned valuable English writing skills and advanced science and math education

Awards

- Graduation with Distinction, University of Waterloo: April 2007
- Dean's Honour List, University of Waterloo: Winter term, 2007
- Gold Medal, CS 488 Waterloo Computer Graphics Final Project (Raytracer): 2006
- McCall MacBain International Undergraduate Scholarship: 2006
- Frank Lun Scholarship for Excellence: 2006
- University of Western Ontario Faculty Dependant's Scholarship: 2002-2005
- Chief Scout Award, Scouts Canada: 1997
- London Central Secondary School, Honour Roll (85%+ Average): Every year 1996-2001

Hobbies and Interests

- Computer technology, special effects and 3D Animation, Acoustic-Electric, Electric and Classical Guitar, Alto and Baritone Saxophone, Jazz music, Film, Breakdancing, Rock climbing, Badminton, Hiking, Traveling, Mountain Biking, Photography