

# Leonard Frankel

## Personal Details

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## Technical Skills

- C++
- C
- Visual Basic 6
- VB.NET
- PHP
- Perl
- Lua
- C#
- Java
- XML
- UML
- SQL
- DirectX
- OpenGL
- Gamebryo engine (formerly NetImmerse)
- Multithreaded programming
- Sockets based network programming
- VMWare

## Education

2010 Advanced Diploma of Professional Game Development (Software Development) at the Academy of Interactive Entertainment, Victoria.  
2006 Graduated BSc Computer Science – Curtin University, Western Australia  
2002 TEE (Tertiary Entrance Examination) Carmel High School  
English, Physics, Applicable Mathematics, Information Systems

## Experience

June 2010 - Nov 2010

Lead programmer on a team of six programmers and six artists to develop a professional grade computer game, called “The Crusade of Halvard”, from game design document to completed game, while studying at the AIE.

- Lead the technical design.
- Managed my team using Microsoft Project and Assembla’s bugtracker, assigning workloads and setting deadlines.
- Resolved mission critical issues in close co-operation with the art team.
- Reached milestones while working to fixed deadlines.

June 2006 - Aug 2007

Information Management Developer with Intergraph PPM Asia Pacific, based in Perth, Australia.

- Rapidly learned VB6 and VB.NET, on the job.
- Developed a thorough knowledge of the internals of Intergraph’s SmartPlant Foundation (SPF), software used to manage large industrial plants.
- Developed custom modifications for SPF. My job was to get the program to do what it was not built to do and do so as cleanly and efficiently as possible, on time and under budget.

- Used my new expertise in SPF's internals to advise co-workers and customers on techniques for writing their own custom modifications.
- Wrote a customisation manual that detailed how to achieve many commonly requested custom effects.
- Delivered a presentation and a short technical demonstration/workshop at Intergraph's P2C2 product conference in Dalian, China.
- Performed many software installs of Windows XP on VMWare virtual machines
- Set up a physical server to run multiple "virtual" servers simultaneously.

2004

Informal programming work writing PHP modules for a marketing company.

2000

2 weeks 'work experience' during year 10 at Target.

### **Academic Achievements**

- Member of semi-finalist Mock trial team in 2001 as a barrister.
  - involved presenting a case for a fictional trial in a court-room setting, including interviewing witnesses, cross examining witnesses whose testimonies I hadn't heard until the night, and writing and delivering closing speeches.
- Many nationally accredited awards in English, Maths and Science
- Participation in Debating and public speaking
- Year 12 Information Systems subject prize

### **Other Experience**

- Six week cultural exchange to Japan.
  - Despite my first host family not speaking English I was able to not only make myself understood but develop a warm, friendly relationship with my hosts using basic Japanese and body language.
  - Translated into and out of Japanese during a 'conference call' between my Japanese 'family' and my mother and sister in Australia.
  - Made speeches at Japanese Lions clubs with the help of translators
- Backpacked for a total of eight months through Europe, including some countries that do not speak English, getting by using phrasebook and body language. This included six months of solo travel and two months with friends.

### **Referees**

Patrick Mackinlay – formerly my superior at Intergraph Asia-Pacific

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