

Jonathan W. Hoyle

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OBJECTIVE: A satisfying career developing C++ applications on Mac OS X with an eye to cross-platform programming. For more detail, view <http://www.jonhoyle.com/resume>.

EMPLOYMENT

- 4/05 – present **Eastman Kodak**, Rochester, NY
Developing Mac OS X printer support software for Kodak's new AiO Inkjet printer family. Development in C++ using Xcode, with experience in Carbon and BSD API layers, including USB, CUPS, TCP sockets and multithreaded programming.
- 3/01 – 4/05 **Gene Codes Forensics**, Ann Arbor, MI
Developed forensic DNA software used to identify victims of the World Trade Center attacks on 9/11. Also ported Sequencher 4.2 to Mac OS X.
- 10/94 - 2/01 **Eastman Kodak**, Rochester, NY
Developed calibration/color science software for Kodak thermal printers.
- 7/93 - 6/94 **DuPont Core Technology**, Wilmington, DE
Developed *HyperColor* color managing software.
- 9/89 - 10/94 **Hoyle Corporation of Delaware**, Wilmington, DE
Contractual. Ported various DOS/Windows-based software to the Macintosh. Also produced *Hoyle's Poker* game for Macintosh.

PUBLICATIONS & PRESENTATIONS

- 9/05 – present *According to Hoyle...* column, **MacCompanion** magazine
- 4/08 *Counter-intuitive Results from the Hyper-reals*, **Mathematical Association of America**
- 10/07 *Infinitesimals in Modern Mathematics*, **Mathematical Association of America**
- 5/07 *DNA identification algorithm co-inventor*, **US Patent #7,211,388**
- 7/05 *Cross-Platform Approaches from a Macintosh Perspective*, **MacHack 20**
- 8/04 *Most Functional Output Winner*, **International Obfuscated C Code Contest**
- 2/03 *Mathematics of DNA Identification*, **American Academy of Forensic Science**
- 1/03 *Development Under Extreme Conditions*, **Pacific Symposium on BioComputing**

EDUCATION

- 9/86 – 5/88 Graduate Studies, *University of Michigan*: Mathematics/Computer Science
- 6/80 – 8/86 Bachelor of Science, *University of Delaware*: Mathematics/Computer Science

REFERENCES

Available upon request.