

**Robert E. McCart**  
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## Skills

### Web

- Development of video sharing, education and business content using C#, .Net, PHP, HTML5, CSS3, JavaScript, MSSQL, MySQL
- Creation and maintenance of Wordpress, Expression Engine and Joomla websites including multi-language and responsive design updates
- Creation and maintenance of CBL learning platforms using Moodle

### Multimedia

- Development of educational content using Tribeworks iShell, QuickTime VR, and Adobe Photoshop, Adobe ImageReady and FinalCut Pro
- Capture/editing of photographic, video and sound media

### Instructional Design

- Creation of instructional strategies and design documents
- Design and development of content for university and high-tech courses
- Creation of SCORM compliant courseware with Moodle, Aspen LCMS and Dreamweaver

### Project Management

- Management using Scrum/Agile of a framework for charity organizations
- Management of development and delivery of 30 web-based university courses
- Management of development of instructor-led, web-based and CD-ROM-based courses

## Related Experience

### Web Development, 2005 – Present

- Development of a youth leadership program using Moodle (Digital Opportunity Trust)
- Development & maintenance of CMS websites (Canadian Parks and Wilderness)
  - Canadian Parks and Wilderness Society (cpaws.org)
  - Landawakening (landawakening.com)
  - Quebec Farmers Association (quebecfarmers.org)
  - Les Fougères (fougeres.com)
- Developer for a .Net (C#) framework for charity organizations
  - Peer Giving (peergiving.com, dalitfreedom.net)
- Development lead for a .Net (C#) video sharing web site (site not available)
- Front end developer for a .Net (C#) online university (site not available)

## Other Experience

### Instructional Design – Cadmian Inc., 2002 – 2006

- Developed instructional strategies and design documents for instructor-led, web-based and CD-ROM-based courses
- Created SCORM courseware with Aspen LCMS, Dreamweaver, Flash, and XML
- Developed project plans and managed course development life cycle

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## Other Experience (continued)

### Multimedia Development – Digital Frog International, 2001-2002

- Designed and developed interactive educational CD-ROMs for high-school science students
- Used Tribeworks iShell, Photoshop, QuickTime VR, Adobe Photoshop and Flash

### Database Interface for Web – University of Guelph, 2001-2002

- Designed and developed a web interface for course and client information tracking
- Implemented with Cold Fusion, SQL database, JavaScript, and HTML

### Course Development – University of Guelph, 1997-2001

- Managed and participated in the development of 30 web-based courses
- Used Cold Fusion, Dream Weaver, JavaScript, and CGI/Pearl for capturing, summarizing, and presenting course information

### Course Instruction, University of Guelph, 1997 - 2000

- Taught three semesters of a fourth year ecology course both in-class and on-line

## Education

### ***Bachelor of Science***

Computer Science, University of Ottawa 1977 – 1980

Course work included operating systems, programming methods, and use of several programming languages including Fortran, PL/1, Cobol, Pascal, and Assembler.

### ***Bachelor of Science***

Environmental Biology, University of Guelph 1990 – 1994

### ***Master of Science***

Forest Ecology, University of Guelph, 1994 – 1997

## Languages

Excellent English oral and written communication skills

Oral and written working knowledge of French

## References

Dougal Ratray, Director of Operations, Quebec Farmers' Association

Email: [qfa@upa.qc.ca](mailto:qfa@upa.qc.ca)

Phone: 450.679.0540 ext. 8536

Website: [www.quebecfarmers.org](http://www.quebecfarmers.org),

Roy Lamond, Director, Learning Network, Digital Opportunity Trust

Email: [rlamond@dotrust.org](mailto:rlamond@dotrust.org)

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