

# Michael F. Lodick

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<http://michael.lodick.com>

2331-40 Caringa Way  
Carlsbad, California 92009

michael@lodick.com  
858.334.5068

## Objective

To obtain a position in a stable work environment that interests and challenges me, while contributing to the success of a dynamic company, utilizing my skills and experience.

## Education

Master of Internet Technology	University of Georgia Athens, Georgia	2004
Bachelor of Science <i>Computer Science</i>	Emory University Atlanta, Georgia	2003
Associate of the Arts	Oxford College of Emory University Oxford, Georgia	2001

## Highlighted Project Experience

### *Singlefin Public Web Site*

A rebuilding of the public face of Singlefin, working together with our vendor, Forward Development. I implemented the PHP back end and added a partner portal, in addition to helping optimize the code for search engine results. I also aided in the development of Flash graphics for the site.

<http://www.singlefin.net>

### *Singlefin Global Gateway Service User Interface*

The User Interface to Singlefin's multi-tiered Gateway Service, consisting of seven product offerings and serving a 35,000+ user base. It is written primarily in PHP and uses a 100+ table MySQL database as its primary data source. I created the UI for three product offerings – Lite Email Filter, Enterprise Archive, and FreeDNS. In addition, I added functionality to the Enterprise Email Filter, Enterprise Web Filter, and Enterprise Instant Message Filter services.

<https://login.mxpath.net>

### *TourCMS*

A 1300-hour project completed by a five-person team over the course of six months. We created an open source content management system for tourism authorities, TourCMS, in conjunction with our client, the Open Tourism Consortium. I served as principle system architect and design lead. This project uses a PostgreSQL database, Java and JSP, XML, XSLT, HTML, CSS, and JavaScript, and was developed in part using the NetBeans Integrated Development Environment.

<http://www.opentourism.org>

### *XML: Managing Data Exchange – A Community Textbook*

An online, open source textbook on XML, created through the collaboration of 17 writers. I authored a chapter on Web Services and edited a chapter on XUL.

<http://wikibooks.org/wiki/XML>

### *EatOurFood.com*

An eight week project involving the creation of an online, database driven recipe web site. It uses object-oriented PHP to connect to a MySQL database to produce HTML, styled with CSS.

<http://eatourfood.lodick.com>

<http://michael.lodick.com/page/edit6190> – Project Lifecycle Documentation

### *City of Buffalo Public Web Site*

A redesign of the city of Buffalo, New York's web site, implementing Algonquin Studios' proprietary Content Management System, QuantumCMS, to allow the efficient management of 1000+ pages. I served as a member of the transition team, helping to rebuild the disorganized behemoth into a manageable and functional portal.

<http://www.city-buffalo.com>

<http://www.algonquinstudios.com/Home/About/CaseStudies/CityofBuffalo> – Case Study

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## Work Experience

*Senior Software Developer* October 2004 – current  
Singlefin

Cardiff by the Sea, California

Responsibilities include:

- Adding and refining functionality of multi-tiered Global Gateway Service and associated products, using PHP, perl, MySQL, PostgreSQL, SQL Server 2000, Postfix mail server and Apache web server.
- Maintaining and updating public web site, driving business through increasing visitors.
- Providing support for end users of the Global Gateway Service.

*New Media Consultant* June 2003 – September 2004

Atlanta, Georgia

Responsibilities include:

- Designing software systems, web sites, business cards, and brochures for client companies.
- Clients include: Electronic Recycling Technologies, Fabulous Faces by Grace Aesthetics, Hank's Custom Hunting Calls.

*Web Programmer* June 2001 – October 2003

Algonquin Studios

Buffalo, New York

Responsibilities include:

- Creating and maintaining web applications in a Microsoft environment, working with an in-house proprietary Content Management System built on Microsoft technology.
- Installing and troubleshooting of network, security, and forensic analysis.

*Residential Computing Consultant* August 2000 – May 2003

Emory University

Atlanta, Georgia

Responsibilities include:

- On-site hardware and software installation and troubleshooting for over 2000 students.
- Remote assistance and problem assessment for students and faculty.

## Technical Skills

*Web Development* HTML, DHTML, XHTML, CSS, JavaScript, PHP, JSP/Servlets, ASP.NET, XML, XSLT

*Databases* MySQL, PostgreSQL, Oracle, MS SQL Server 2000, MS Access

*Programming Languages* Java, C/C++, SQL, Visual Basic, Visual Basic.NET

*Development Environments* NetBeans IDE, MS Visual Studio 6, MS Visual Studio.NET, Borland JBuilder, Sun ONE Studio, Macromedia Studio MX, Macromedia Studio MX 2004

*Operating Systems* Windows: 9x, Me, 2000, XP; Linux - Debian, Red Hat; Macintosh OSX

*Software* MS Office, MS Project, MS Visio, MS Visual Source Safe, OpenOffice.org, CVS, Adobe Acrobat, Adobe Photoshop

## Interests

- Played ice hockey for 10 years, roller hockey 6 years
- Member of intramural Ultimate Frisbee and fencing teams
- Lighting designer for student productions
- Vocalist in several musical theater productions
- Comfortable handling a Redeemer in close quarters