

# Brenden Tamilio

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## PROFESSIONAL EXPERIENCE

### Senior Applications Developer

*Beckman Coulter Genomics - (Beverly/Danvers, MA) 5/2008 – Present*

Created and enhanced existing external and internal custom web applications to support operations, marketing, and customer service.

- Led a global team to extend the customer facing "Project Submission" web portal to support international customers and service locations. Consolidated similar applications from an acquisition.
- Developed and coordinated a new marketing website (in-house) using SEO friendly semantic HTML & CSS, powered by a custom PHP/MySQL content management system.
- Developed eCommerce/eProcurement systems including a custom cXML invoicing system using Perl with Oracle Applications to interface with customer SciQuest/Ariba platforms and deliver XML invoices to customers.
- Developed many custom tools/scripts and processes to retrieve, manipulate, and deliver customer data, interfacing with MySQL, Oracle, and various SaaS web services.

### Senior Software Developer/Architect

*Neptune Web, Inc. (Somerville, MA) 2003 – 2008*

Lead developer with project management, client relationship management, product training, and pre-sales client facing responsibilities.

- Developed and sustained many websites/applications for primarily Boston area businesses, primarily deploying skills in PHP, MySQL, dHTML/JavaScript, Perl, AJAX, ASP and Linux/Solaris system administration.
- Extended the company's flagship content management software suite, Neptune Web Edit, with various new "modules" including blogging, podcasting, user registration/management, calendar/events, ecommerce, and others.

### Senior Software Engineer

*Northern Light / divine (Cambridge/Burlington, MA) 2001 – 2003*

Lead developer and architect of the "Content Filtering Software", a core component of the SinglePoint enterprise search product, using object oriented Perl.

- Developed web crawling agents and content aggregation programs or a variety of custom news/content feeds, document types (doc, ppt, xls, pdf, etc) , and various databases/repositories.
- Coordinated the effort of 4 developers, intra-component design and timelines, and client facing implementation roles for a breadth of clients, including Fidelity, Adobe Software, IDC, Weider, and others.
- Contributed to the streamlining of internal testing procedures, development processes, documentation/specification writing, and coding standards.

### Senior Technologist

*Razorfish, Inc. (Cambridge, MA) 2000 – 2001*

Developed web sites, corporate intranets, extranets, and web applications using many server and client-side technologies, while developing strong client facing and communication skills.

- Technical Lead for the Vanguard Group intranet, a large integration using the Interwoven Teamsite CMS and Oracle. Developed many JavaScript/dHTML and iwPerl/XML components.
- Technical Lead for The CHANEL Retailer Module, an encapsulated "brand boutique" ecommerce site for syndication in retailer web sites, using "bleeding edge" cross browser dHTML/JavaScript, Oracle, and ASP.
- Contributed to the development of many projects and client engagements.

## WEB DEVELOPMENT SKILL

### Language Expertise

PHP, JavaScript (AJAX / JQuery), Perl, SQL, HTML/CSS, XML, shell scripting

### Language Familiarity

AIR, Visual Basic, CFML, ASP

### Software Concepts

Web services / REST, Unix shell scripting, OOP, regular expressions, SDLC, build automation, version control (git, SVN, CVS), agile development, unit and regression testing, cross browser compatibility

### Web APIs

Amazon AWS (S3, SDB, EC2, R53), Constant Contact, RegOnline, Bronto, Google, Salesforce, Bitly, etc.

### Web Server Technologies

MySQL, SQL Server, Oracle, Apache, IIS, VMware

### System Administration

Linux (Red Hat, Debian, CentOS), ESXi, Windows 2003/2008, Solaris

### Other Proficiencies

Automated web crawling, data mining, interaction design, semantic markup, SEO concepts, virtualization technologies

## EDUCATION

### Bachelor of Arts:

Computer Science and Digital Media

School of Cognitive Science, Hampshire College (Amherst, MA)

### Five College GPA: 3.76

Recipient of research grants from The National Science Foundation, UMASS Center for Intelligent Information Retrieval, and The Lemelson Foundation.

### Thesis Project

*Mediahole.com: A Streaming Audio MP3 Search Engine.*

Created discovery based web crawling agents and a search interface to 30,000 stations.

## WRITING

Larkey, Ogilvie, Price and Tamilio. *Acrophile: An Automated Acronym Extractor and Server*. Proceedings of the ACM Digital Libraries 2000 Conference.