

# ELLERY HARRINGTON

SOFTWARE DEVELOPMENT CONSULTANT

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*Profile*      Software developer specializing in web development.

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## Web

From concept through completion.

## Applications

Focused on intuitive UI & UX, and modular architecture.

## Databases

Best-practice design of efficient schemas to deployment and administration.

## *Technical*

HTML5

PHP

MySQL

CSS

Java

PostgreSQL

Javascript

Objective C

Oracle

C & C++

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## *Skills*

Leadership skills, managing development teams

PHP application development in CakePHP, Zend, Wordpress and Drupal.

Ability to adapt quickly to new programming languages and environments

SQL and database administration for MySQL, PostgreSQL, and Oracle with PL/SQL knowledge

Creating and maintaining AJAX-driven websites using jQuery and Angular

System administration and technical support for Linux, Windows, and MacOS platforms

Ability to teach, tutor, or assist others with computer skills or programming languages

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## *Education*

Worcester Polytechnic Institute WORCESTER MA

**2009** M.S., Computer Science

**2007** B.S., Computer Science

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## Experience

### **Kenzan Media** PROVIDENCE RI

2012 - Present

#### Developer

Website development for media companies. Drupal CMS, back-end Java web applications, and AngularJS front-end. Team leader for CMS and Member web application.

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### **Verve Creative** NEWTON MA

2011 - 2012

#### Lead Developer

Website development and maintenance for clients of Verve. Implementation of HTML, CSS, JavaScript, and PHP from designs and specifications.

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### **Independent Software Consultant** SHREWSBURY MA

2002 - Present

Work includes collaborative ventures and hourly consulting. Development and support of existing websites, web applications, and software. Responsible for management, programming, design, database design and administration, computer/network security, Linux system administration, technical support, and customer service.

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### **Center for Holographic Studies & Laser micro-mechaTronics, Worcester Poly. Inst.** WORCESTER MA

2007 - Present

#### Research Assistant; Consultant; NIH Fellow; Harvard Medical School Fellow

Developed software for laser interferometry platform for Harvard University and Massachusetts Eye and Ear Infirmary to control hardware and process live video. Assisted in hardware preparation and experimentation.

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### **NASA Johnson Space Center** HOUSTON TX

2007

#### Software and Automation Specialist

Developed apparatus and software for experimentation in microgravity on the C-9 "Weightless Wonder" aircraft.

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### **Central Transportation Planning Staff** BOSTON MA Summers 2001, 2002, 2004, 2005

#### Data Resources and Web Programming Intern

Redesigned and restructured the agency's intranet website. Developed web-based tools for managing personal data, accounting data, and location services. Provided technical support and assistance for employees. Modified GIS tools and interface to improve user experience.

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