**Patrick Charles Kelly**

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(617)-980-1613 pk6281@mcla.edu

**Education:**

**Bachelor of Science in Computer Science** *Anticipated*May, 2016

Massachusetts College of Liberal Arts North Adams, MA Double major in Philosophy Honors Student Dean’s List 1 semester

**Key Skills:**

SQL, Java, JSP, JBDC, Data Structures, Design Patterns, C++, Programming in Linux Environment, PHP, Android Development, XML, XSLT with Java, HTML, CSS, JavaScript, Eclipse, NetBeans

**Web Development Experience:**

MCLA Bike Share Program North Adams, MA Jan. 2014- May 2014

**Web Developer**

* Collaborated with the MCLA Bike Share Program to create an online safety certification.
* Decreased the overhead needed for the certification process.
* Increased visibility of the program to potential users.
* <http://enterprise.cs.mcla.edu/pkelly/BikeShare/>

BerkSites North Adams, MA Feb. 2014- May 2014

**Web Development Internship**

* Worked on a team of 5 to design a website using PHP and the CodeIgniter framework.
* Conducted interviews with possible users to get their input on the website’s current features.
* Planned the supporting database in MySQL and programmed the required classes to access the database efficiently.

Verizon Waltham, MA June, 2013-Aug, 2013

**Technology Intern with Redbox Instant**

* Collaborated to create a user-friendly interface for data manipulation in a web based application.
* Created an efficient sorting and paging algorithm for a web based application.
* Built the application in Java with JSP technology.

**Teaching Experience:**

**Teaching Assistant Java I**, MCLA North Adams, MA Sept. 2012-Dec, 2012

**Supplemental Instructor Java II**, MCLA North Adams, MA Jan.2013-May, 2013

**Tutor Java I**, MCLA North Adams, MA Sept. 2012-Dec, 2012

**Extracurricular Experience:**

**Treasurer**, MCLA Computer Society North Adams, MA Sept. 2013-May 2014

**President**, MCLA Computer Society North Adams, MA Sept. 2014-May 2015

**Interests:** Skiing, Hiking, Philosophy, Programming, Stock Market