

## GREGORY P. LOUCAS

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978.771.4700

### Education

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**Union College, N.Y.** B.S. Computer Science – Class of 2011

### Employment History and Internships

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**PTC (Parametric Technology Corporation) September 2011 – \*Current** (Summer 2010 – March 2011)

- PTC University Group– Front-end Web Developer on the User Experience Design Team
  - Chartered to build the landing page for the product launch of Creo 2.0 for customer support
- Global Maintenance Support Group – Developed Maintenance Value Customer Deliverable.
  - Built an interactive dashboard presenting ROI for Maintenance using SAP Crystal Solutions

**Molecular Internet Consulting firm** – (Intern – Summer 2007)

- Member of the media design team for ADIDAS miCoach project
- Worked on design integration of logos and images that were created by designers or supplied from clients
- Provided Technical support on an assignment basis
- Creation of design and logos for various clients

**Genuine Interactive Web Development and Design Company (Formerly – PapeBoston)**

(Intern – Summers 2005-06 and Winter 2007)

- Shadowed the lead developer of small company
- Responsibilities included integration of flash animation and images that were created by designers or supplied from client companies
- Technical support of corrupted web pages
- Creation of sub pages for client sites

### Other Work Experience

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**Creative Designer / Developer** – (2009 – 2011) Custom Universe, LLC – Logo design in vector format

**Golf Caddy** (Summer 2008 and 2009) The Golf Club of Cape Cod – East Falmouth, MA

**USA Ice Hockey Official** (2004 – 2005) NorthStar League – Hockey Referee for boy's youth league

**Red Cross Certified Lifeguard** (2004 – 2005)

- The Thoreau Club – Concord, MA
- Town of Sandwich – Sandwich, MA

### Education and Certifications

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**Course work relating to field of interest:**

- Web Design, Publishing and Programming (XHTML, CSS, JavaScript, PHP, MySQL, DOM, AJAX)
- Introduction to Databases (SQL, Relational Databases, Conceptual Logic and Design)
- Data Structures / Large Scale Software Development (Java)
- Algorithm Design and Analysis
- Programming Languages (Scheme) – Construction of Language Interpreters
- Computer Organization (Assembly Programming Language, Computer Arithmetic)
- Operating Systems (Concurrent processes, threads, resource sharing, file systems, etc.)
- Digital Arts / Vector Graphics (Photoshop, Illustrator, InDesign, Flash)
- The Processed Pixel (<http://processing.org>)
- Physical Computing (Processing and Arduino programming environments – <http://arduino.cc>)
- **Red Cross Certification / CPR Certification** (Including First Aid Certification)
- **USA Youth Hockey Officiating Certification**

### Memberships & Activities

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**Chi Psi National Fraternity – Philanthropy**, founded in 1841 at **Union College** in Schenectady, N.Y. – Chi Psi is the eighth fraternity founded in the United States and the fifth at Union College.