GREGORY T. DOERFLER

gregdoerfler@gmail.com

Website: http://www.gregdoerfler.com
Skills: Java, JSF, HTML, CSS, JavaScript, PHP, ASP.net (C#), SQL, VB/VBScript

EDUCATION

Villanova University – Villanova, PA
M.S. in **Software Engineering**, 12/2012
GPA: 3.73
Coursework: Programming Languages, Theory of Computability, Databases Systems, Software Engineering, Software Project Management, Data-mining and Database Programming, Requirements Engineering, Cloud Computing, Digital Libraries, Social Computing Services, Independent Study in Music and Computing

Villanova University – Villanova, PA
B.S. in **Computer Science**, 5/2011
GPA: 3.55
Coursework: Algorithms and Data Structures, Calculus, Discrete Structures, Computer Systems, Multimedia Technology, Analysis of Algorithms, Software Engineering, Statistics

WORK EXPERIENCE

NASDAQ – Philadelphia, PA
      Java Software Developer, 10/2015 – present

Delphinus Engineering – The Navy Yard, Philadelphia, PA
      Java Software Developer, 5/2012 – 10/2015
            Contractor with the U.S. Navy developing software system for ship preventative maintenance. Use of Java, JSF (PrimeFaces), Hibernate.

St. Thomas of Villanova Parish – Villanova, PA
      Organist and Pianist, part-time, 2012 – present

PJM Interconnection – Norristown, PA
      Summer Co-op, 5/2011 – 8/2011
            Automating processes, developing and improving tools to plot data and create reports. Use of VBScript, VBA, SQL.

Ventyx (formerly Insert Key Solutions) – Chadds Ford, PA
      Web Development Internship, full-time: 6/2010 – 9/2010, part-time: 9/2010 – 4/2011
            Web development in ASP.net (C#), SQL

Vatican Internship, *study abroad in Rome,* 9/2009 – 12/2009
            Development of a calendar/timeline system for displaying office projects and their progress and sending reminder e-mail notifications. Use of Java, SQL, HTML, JSP, CSS, and JavaScript.
            Creation of a virtual tour of the inside of the Sistine Chapel (QuickTime VR).
               http://www.vatican.va/various/cappelle/index_sistina_en.htm

Substitute Organist
      2006 – 2012

The Hershey Company – Hershey's Chocolate World, Hershey, PA
      Systems Department, full-time summers, part-time rest of year, 5/2008 – 5/2010
            System support, software testing, network diagramming, user management, data entry

The Hershey Company – Hershey's Chocolate World, Hershey, PA
   Utilities Department, part-time, 4/2004 – 5/2008

ACTIVITIES, AWARDS, AND PUBLICATIONS

Emerging Trends in Image Processing, Computer Vision, and Pattern Recognition, 2015
   "An approach to Classifying Four-Part Music in Multidimensional Space" published by Elsevier

WORLDCOMP'13 Conference, Las Vegas, NV, 7/22/2013 – 7/25/2013
   Presented research paper on a novel approach to classifying four-part music in 19-space with metrics focusing on chord structure and the movements between parts
   http://www.world-academy-of-science.org/worldcomp13/ws/conferences/ipcv13

Graduate Assistant, Villanova University, 9/2011 – 11/2012
   Tuition waiver, stipend, 20 hours of work per week given to the Computer Science Department

WORLDCOMP'11 Conference, Las Vegas, NV, 7/18/2011 – 7/21/2011
   Presented research paper on creation of Sistine Chapel virtual tour
   http://www.world-academy-of-science.org/worldcomp11/ws/program/cgv21

Who's Who Among Students in American Universities and Colleges, 2010 – 2011

Villanova Pastoral Musicians, 2007 – 2012
   Organist, Pianist, Baritone, Composer
   Leadership Board, 2007 – 2011
   Select Ensemble (16-member, SSAATTBB choral group), 2007 – 2012

Villanova Skateboard Club, 2009 – 2011
   Cofounder, webmaster
   http://www.vuskateboardclub.org

PHEAA Nets Scholarship, 2009 – 2011

Villanova Computing Scholarship, 2007 – 2011

Special Olympics Fall Festival, Villanova University, 2007
   Local Program Host – led and cheered on a group of athletes from Berks County, PA

Pennsylvania Governor's School for the Arts, PA Department of Education
   Full Scholarship, five-week arts institute, major: composition and piano
   Mercyhurst College, Erie, PA, 6/24/2006 – 7/29/2006

PERSONAL PROJECTS

   http://www.gregdoerfler.com/compositions
   http://www.cristinadaverso.com
   http://www.abcprayers.com
   http://www.vuskateboardclub.org