

Shyamal Ruparel

ShyRuparel.com

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4956 Oakbrook Lane,

Mason, OH 45040

Computer Skills C++, Python, Java, PHP, MySQL, HTML, CSS, Visual Basic, Fedora, Ubuntu, Windows, OS X, Microsoft Office and Photoshop

Education **B.S. Computer Science, B.S. Pure Mathematics**

University of Cincinnati

Class of 2014

Cincinnati, OH

High School Graduate

William Mason High School

Class of 2009

Mason, OH

Work Experience **Software Developer Co-op**

Engineering and Scientific Innovations

Used Image Processing Techniques to create a Fire Detection System in Python

Created In-house Data Processing Software increasing efficiency by 10080%

June 2011 – Present

ESI-SolutionsInc.com

Developer

Burst Development

Write, test, and debug code for Music Facebook Application (2,706,371 Total installed users)

Work on a two person team supporting users and creating programs

June 2007 – Present

Burst-Dev.com

Summer at the Edge

Tec^Edge

Worked on Sensor Network using Java for the Air Force Research Laboratory Commanders Challenge

Created Infection Simulator using C++ to augment NASA WorldWind for Ohio Department of Agriculture

June 2010 – September 2010

Wright-Patterson AFB

College Activities **Team Captain**

ACM International Collegiate Programming Contest

Compete with a team of three to solve computer science related problems in C++ and Java

Placed second at Carnegie Mellon Invitational in 2010 and solved first problem in 2011

September 2009 – Present

University of Cincinnati

Technology Director

Engineering and Applied Science Tribunal

Develop projects to assist committees and Tribunal Executives

Worked with UCIT to create a Drupal Multisite for other College Tribunals to use

September 2009 – Present

Tribunal.uc.edu

Senator at-Large

Student Government

Created Student Diversity Collaborative and Served as Student Rights and Interests committee Chair

Engaged with university leaders and administration on a daily basis

September 2009 – November 2010

University of Cincinnati

Community Service **Online and Logistics/Registration Chairperson**

Relay For Life

Website administration for Relay for Life of Mason for three years and Relay For Life of Cincinnati for two years

Manage and direct entertainment, walkers, and campers the day of the event

November 2006 – Present

University of Cincinnati and Mason

Technology Director

International Leadership Collaboration

Visited Sri Lanka to host a Health Camp and engage International High School Students with Leadership experiences

Served as a founding member and helped secure recognition from the University President

September 2010 – Present

University of Cincinnati

Education **Advanced Placement/Early Action**

Carnegie Mellon

Earned college credit during Junior and Senior summers of High School

Took robotics and programming classes

June 2007 – August 2008

Pittsburgh, PA