

Rohit Krishnan

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M-339-364-1604

Education

Sharon High School

Sharon, MA

University Of Massachusetts Lowell

Computer Science, Electrical Engineering

Activities

Software Skills:

- | | |
|------------------------|---|
| ➤ Programming language | C++, C#, VB.net, Node.js, Java (Android and ME) |
| ➤ Web technology | HTML 5, PHP 5, Apache, Javascript, CSS3 |
| ➤ Database | MSSQL, MySQL, CouchDB, MongoDB |
| ➤ Other | Pro/Engineer, Solidworks, Matlab, Autodesk Maya |

Courses/Workshops:

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|--|------|
| ➤ Vb.net and C++ certification from National Institute of Information Technology-India | 2007 |
| ➤ PTC Pro/Engineer summer workshops | 2010 |
| ➤ Harvard REU Workshops (Scientific Writing) | 2011 |

Leadership/Community Service:

- | | |
|--|--------------|
| ➤ CEO Hive (http://hivelabs.it) | 2013-Present |
| ➤ President of Sharon High School Programming team | 2011-2012 |
| ➤ Mentor and referee at Sharon Youth Robotics Association | 2009-Present |

Research Experience:

Harvard University Micro-Robotics Laboratory: Intern at Wyss institute 2011 - 2013

Bounding flight pattern produced by butterflies to build an optimal micro thrusting robot.

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|--|------|
| ➤ Co-Author of "Multi-stage micro rockets for robotic insects" paper | 2012 |
| ➤ Trained to use laser cutter and 3D printer | |

Awards/Honors:

- | | |
|---|------|
| ➤ 2 nd Place Innovative Technology Solution Award
UMass Lowell Difference Makers Idea Challenge | 2013 |
| ➤ Dean's List Recipient – College Of Engineering | 2014 |
| ➤ Sat Mathematics I and II Perfect Score | 2012 |
| ➤ RSS Best E-Poster Runner Up | 2012 |

Clubs:

- | | |
|---|------------------|
| ➤ Represented MA State for 4 times in FIRST Robotics world Championship | 2008-2012 |
| ➤ Quarter Finalists at FIRST Robotics - world championship | 2008-2009 season |
| ➤ Head Programmer FIRST Tech Challenge Team 0001 | 2008-2012 |
| ➤ Founder Sharon school FIRST robotics team | 2011 |

Sports:

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|-----------------------------------|--|
| ➤ Member of School Badminton club | |
| ➤ Brown belt Karate Shotokan | |
| ➤ Tennis | |
| ➤ Chess | |

Music and Art:

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|---------|--|
| ➤ Piano | |
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Languages: English, French, Tamil