

Robert Goeddel

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Education

- 2006–2010 **B.S.E. in Computer Science**, *University of Michigan*, Ann Arbor, MI, GPA: 3.91/4.00.
2010–2013 **Master of Science in Computer Science**, *University of Michigan*, Ann Arbor, GPA: 3.94/4.00.
2010–present **Ph.D Candidate in Computer Science**, *University of Michigan*, Ann Arbor.

Experience

Research

- May 2010 – **Graduate Student Research Assistant**, *APRIL Laboratory*, Ann Arbor, MI.
Present
 - Member of Michigan's winning MAGIC 2010 team
 - Co-organized course design and setup for organizer site-visit
 - Designed and developed team's autonomous exploration system
 - Graduate Student Instructor
 - Fall 2012, EECS 568, Mobile Robotics: Methods and Algorithms
 - Winter 2014, EECS 467, Autonomous Robotics Laboratory

April 2009 – **Undergraduate Researcher**, *APRIL Laboratory*, Ann Arbor, MI.
April 2010
 - Designed and implemented trainable object recognition system
 - Debugged and tested GPS hardware for autonomous aircraft project

Sep 2007 – **Undergraduate Researcher**, *Undergraduate Research Opportunities Program (UROP)*, Ann Arbor, MI.
Apr 2008
 - Developed a vehicle simulator with team of undergraduates to facilitate mock EPA emissions testing
 - Interfaced vehicle simulator with USB steering wheel and pedals to enhance realism

Internships

- June 2008 – **Summer Intern**, *LGS - Government Communications Laboratories / Bell Laboratories*, Florham Park, NJ.
Aug 2008
 - Adapted an existing library to process and analyze IP Multimedia Subsystem (IMS) sessions
 - Cooperated with other interns to integrate my IMS Library with their display software
 - Updated and extended an IMS test network for workgroup's testbed

June 2007 – **Summer Intern**, *LGS - Government Communications Laboratories / Bell Laboratories*, Whippany, NJ.
Aug 2007
 - Created program to parse contents of Session Initiation Protocol (SIP) packets and perform network analysis
 - Designed and implemented graphical user interface (GUI) for packet parser/analysis tool

Honors & Leadership

- Dec 2008 **Eta Kappa Nu (HKN)**, *University of Michigan*, Ann Arbor, MI.
 - Vice President F11 - Organized electee mentoring events, oversaw initiation process
 - Operations Officer F09 - Co-ran student food stand with IEEE counterpart

Dec 2011 **Epeians**, *University of Michigan*, Ann Arbor, MI.
Jan 2012 **IM Broomball**, *University of Michigan*, Ann Arbor, MI.
 - Member of Winter 2012 B-league championship team
 - Co-captain of Fall 2014 Grad/Faculty/Staff championship team

Apr 2012 **Tau Beta Pi**, *University of Michigan*, Ann Arbor, MI.
Feb 2015 **Towner Prize Finalist**, *University of Michigan*, Ann Arbor, MI.

Technical Skills

- Languages/Environments:** C/C++, Java, Python, Matlab/Octave, Bash