

MICAH OEVERMANN

College Station, Texas
mjooevermann@gmail.com

EDUCATION

University of California, Berkeley
B.S. in Computer Science & Engineering
Minor in Linguistics
Member of Eta Kappa Nu
Member of Upsilon Pi Epsilon
Overall GPA: 5.678

June 2004

EXPERIENCE

ACME, Inc
Web Developer

October 2010 - Present
Palo Alto, CA

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- Donec et mollis dolor. Praesent et diam eget libero Adobe Coldfusion egestas mattis sit amet vitae augue.
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- Aliquam at massa ipsum. Quisque bash bibendum purus convallis nulla ultrices ultricies.

AJAX Hosting
Lead Developer

December 2009 - October 2010
Austin, TX

- Aenean ut gravida lorem. Ut turpis felis, Perl pulvinar a semper sed, adipiscing id dolor.
- Curabitur dapibus enim sit amet elit pharetra tincidunt website feugiat nisl imperdiet. Ut convallis AJAX libero in urna ultrices accumsan.
- Cum sociis natoque penatibus et magnis dis MySQL parturient montes, nascetur ridiculus mus.
- In rutrum accumsan ultricies. Mauris vitae nisi at sem facilisis semper ac in est.
- Nullam cursus suscipit nisi, et ultrices justo sodales nec. Fusce venenatis facilisis lectus ac semper.

TinySoft
Web Designer & Developer

January 2008 - April 2010
Gainesville, GA

- Vivamus PostgreSQL fermentum semper porta. Nunc diam velit PHP, adipiscing ut tristique vitae
- Maecenas convallis ullamcorper ultricies stylesheets.
- Quisque mi metus, unit tests CSS ornare sit amet fermentum et, tincidunt et orci.
- Curabitur venenatis pulvinar tellus gravida ornare. Sed et erat faucibus nunc euismod ultricies ut id

TECHNICAL STRENGTHS

Computer Languages
Protocols & APIs
Databases
Tools

Prolog, Haskell, AWK, Erlang, Scheme, ML
XML, JSON, SOAP, REST
MySQL, PostgreSQL, Microsoft SQL
SVN, Vim, Emacs

Journal Articles

Empirically Compensated Setpoint Tracking for Spherical Robots With Pressurized Soft-Shells

Derek J Pravecek, **Micah J Oevermann**, Gray C Thomas, Robert O Ambrose

IEEE Robotics and Automation Letters (2025). 2025

Peer Reviewed Conference Papers

Scaling of RoboBall: A Parametric Robot Family for Crater Exploration

Rishi V Jangale, Aaron Villanueva, Garrett Jibrail, **Micah J Oevermann**, Derek J Pravecek, Meghali P Dravid, Robert O Ambrose

2025 *IEEE Aerospace Conference*, 2025

A Pressure Model and Control System for a Pressurized Pendulum Driven Spherical Robot

Micah J Oevermann, Meghali P Dravid, Derek J Pravecek, Will Olejnik, Robert O Ambrose

2025 *22nd International Conference on Ubiquitous Robots (UR)*, 2025

Design of a Soft Shell for a Spherical Exploration Robot Traversing Varying Terrain

Meghali Prashant Dravid, **Micah Oevermann**, David McDougall, David Dugas, Robert Ambrose

2024 *IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*, 2024

A Soft Spherical Robot for Lunar Crater Exploration

Micah Oevermann, Meghali Prashant Dravid, Garrett Jibrail, Jared Janak, Rishi Jangale, David McDougall, David Dugas, Robert O Ambrose

AIAA SCITECH 2024 Forum, 1961, 2024, 2024

Roboball: An all-terrain spherical robot with a pressurized shell

Micah Oevermann, Derek Pravecek, Garrett Jibrail, Rishi Jangale, Robert O Ambrose

2024 *IEEE International Conference on Robotics and Automation (ICRA)*, 2024

Presented Abstracts

A System for Exploring Craters and Shadowed Regions of the Lunar South Pole

Meghali Dravid, **Micah Oevermann**, Robert Ambrose

ASCE Space and Earth Conference, 2024

RoboBall Recap: Past, Current, and Future Inflatable Spherical Robots

Rishi Jangale, **Micah Oevermann**, Garrett Jibrail, Derek Pravecek, Meghali Dravid, Aaron Villanueva, Robert Ambrose

40th Anniversary of the *IEEE International Conference on Robotics and Automation*, 2024

Persistent intelligence, Surveillance and Reconnaissance for the Lunar Surface

Robert Ambrose, **Micah Oevermann**, Meghali Dravid, Garrett Jibrail

AIAA ASCEND Conference, 2023

Design and Dynamics of Rugged Soft Shells for a Pendulum-Driven Spherical Robot

Micah Oevermann, Meghali Dravid, Garrett Jibrail, Robert Ambrose

OSU International Mechatronics Conference and Exposition, 2023