MANUELLM  Re  Mail @ maxis.cool Gr.  Physics, 2015	Recurser, The Recurse Center, Jul—Sep 2019  Self—directed, community—driven educational retreat for programmers.  Research Intern, Numenta. Dec 2018—Apr 2019  Machine learning + theoretical neuroscience. Supervised by Subutai Ahmad.  Graduate Research Assistant, The University of Wisconsin—Madison. Jun 2015—Aug 2017  Observational + computational study of binary stars. Advised by Bob Mathieu.  Undergraduate Research Assistant, The College of New Jersey. Sep 2013—Dec 2014  Computational fluid dynamics, galactic jets. Advised by Paul Wiita.
code, art, and music at Maxis.cool	"A Curiously Young Star in an Eclipsing Binary in an Old Open Cluster"
	Poster entitled "Modeling Blue Straggler Formation Through Case C Mass Transfer with MESA" Pollack, Leiner, Mathieu 2016.  MESA Summer School 2015, Santa Barbara, CA.  10—day workshop at USCB using the stellar evolution code MESA.  American Physical Society Division of Fluid Dynamics 2014, San Francisco, CA.  Poster entitled "Flux Variability from Turbulence and Bulk Velocity Variations in Relativistic Hydrodynamic Jets" Pollack, Pauls, Wiita 2014.
	Lecturer, Rose Memorial Library, Stony Point, NY. Aug 21, 2017  30—min public astronomy talk for the 2017 Solar Eclipse.  Telescope Operator, Washburn Observatory, Madison, WI. Jun 2015—Jun 2017  Quarterly public observing nights, weather permitting.  Student, "Teaching in Science and Engineering, The College Classroom". Spring 2017  1 semester for—credit course about higher—ed STEM teaching methodology.

Graduate Teaching Assistant, The University of Wisconsin-Madison. Fall 2016 6 recitation sections of Astronomy 103 "The Evolving Universe". Telescope Operator, TCNJ Observatory, Ewing, NJ. Fall 2013-Spring 2015

☐ "Spatial Localization with simple recurrent networks" Python, PyTorch github.com/maxwellpollack/localization\_rnn

"Repitch: a real\_time, polyphonic, MIDI\_controlled audio pitch shifter" C++, JUCE

Weekly public observing nights, weather permitting.

github.com/maxwellpollack/repitch