

# ANH MARTINA NEUMAN

Github website: <https://marsvoyage.github.io/Frontpage/>

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<b>OBJECTIVE</b>	<i>I'm a harmonic analyst by training. I'm interested in multiple principles but primarily in harmonic analysis, mathematical data science and additive combinatorics. I'm looking for a PostDoc position that allows me to continue to research in the said directions.</i>
<b>EDUCATION</b>	<b>University of California, Berkeley</b> , Berkeley, CA 94720, USA <i>Doctor of Philosophy, Mathematics</i> May 2018  <b>University of California, UCLA</b> , UCLA, CA 90095, USA <i>Master of Arts, Mathematics</i> <i>Bachelor of Science, Mathematics</i>
<b>SKILLS</b>	<b>Language:</b> Python <b>Computing:</b> Matlab <b>Web design:</b> HTML, CSS
<b>KNOWLEDGE ACQUIRED</b>	Harmonic analysis, <i>through PhD training and research</i> Additive combinatorics, <i>through PhD training and self-teaching</i> Math data science, <i>through PostDoc training and self-teaching</i> Statistics, <i>through teaching</i> PDE, $C^*$ -algebra, <i>through grad education</i> Differential topology, Algebra, Linear algebra, <i>through undergrad education</i> Complex analysis, Discrete mathematics, <i>through teaching and undergrad education</i>
<b>PAPERS</b>	<ul style="list-style-type: none"><li>• <a href="#">Functions of nearly maximal Gowers-Host-Kra norms on Euclidean spaces</a></li><li>• <a href="#">Sparse bounds on variational norms along monomial curves</a></li></ul>
<b>TEACHING EXPERIENCE</b>	Calculus, <i>as a teaching assistant</i> , at UC Berkeley Discrete mathematics, <i>as a teaching assistant</i> , at UC Berkeley Complex analysis, <i>as an instructor</i> , at UC Berkeley Statistics, <i>as a teaching assistant</i> , at NYU Shanghai Linear algebra, <i>as a teaching assistant</i> , at NYU Shanghai
<b>EMPLOYMENT &amp; POSITIONS</b>	Postdoc Fellow, NYU Shanghai Visiting Student Researcher, Caltech Dissertation Fellow, UC Berkeley Mentorship Research Fellow, UC Berkeley Graduate Student Researcher/Instructor, UC Berkeley Summer Instructor, UC Berkeley
<b>AWARDS &amp; HONORS</b>	<b>Dissertation Fellowship Award</b> , UC Berkeley <b>Mentorship Research Award</b> , UC Berkeley <b>Teaching Excellence Award</b> , UC Berkeley <b>UCLA Math Daus Award</b> , UCLA <b>Magna Cum Laude Honor</b> , UCLA
<b>SELECTED TALKS GIVEN</b>	<i>Gowers-Host-Kra structures on Euclidean spaces</i> , Georgia Tech Analysis Seminar, Georgia Tech, 2018 <i>Decouplings for surfaces in <math>\mathbb{R}^4</math></i> , Hausdorff Summer School for Mathematics, Kopp, 2017 <i>Universally <math>L^1</math> bad sequences</i> Hades Seminar, UC Berkeley, 2016 <i>A Calderón-Zygmund decomposition for multiple frequencies and an application to an extension of a lemma of Bourgain</i> , HADES Seminar, UC Berkeley, 2014

**SELECTED  
CONFERENCES  
& WORKSHOPS  
& SEMINARS**

Networks seminars, NYU Shanghai, 2018-2019  
Tripods Summer School - Fundamentals of Data Analysis, IFDS Wisconsin, 2018  
IMI Symposium on Additive Combinatorics, University of South Carolina, 2017  
PCMI Summer Session in Harmonic Analysis, Park City, Utah, 2018  
AIM Workshop on Sparse Domination and Singular Integral Operators, AIM, San Jose, 2017  
Decoupling and Polynomial Methods in Analysis Summer School, Hausdorff Center for Mathematics, Kopp, 2017  
Conference in Harmonic Analysis and Its Interaction: in Honor of Anthony Carbery, ICMS, Edinburgh, Scotland, 2017  
Chicago Analysis Summer School, University of Chicago, 2017  
Conference on Dynamical Systems: Smooth, Symbolic and Measurable, MRC Snowbird Resort, Utah, 2017  
Calculus of Variations and Nonlinear PDE Mini-schools, UC Berkeley, 2017  
Recent Developments in Harmonic Analysis Workshop, MSRI, Berkeley, 2017  
Global Research Symposium in Geometry, Analysis and Probability, KIAS, South Korea, 2017  
Joint Analytic Number Theory and Harmonic Analysis Program, MSRI, Berkeley, 2017  
Harmonic Analysis and Geometry of Fractal Sets, Ohio State University, 2017  
Conference in Harmonic Analysis in Honor of Michael Christ, University of Wisconsin, 2016

**OTHER  
ACTIVITIES**

Geometry of Redistricting Workshop - Educator Training Track, University of San Francisco, 2018  
UCLA Applied Math REU Program, UCLA, 2010