

# MAX D. GROSSMAN

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## EDUCATION

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**The George Washington University, Elliott School of International Affairs**  
**International Affairs Major, International Environmental Studies Concentration**  
**Geography Major, Geographic Information Sciences Minor**

Washington, DC  
May 2017

*Cumulative GPA: 3.91; Dean's List, 3 Semesters; Outstanding Academic Achievement Award, 2014 – 15 & 2015 - 16*

*Coursework:* GIS Programming, GIS & Cartography, Techniques of Spatial Analysis, Digital Image Processing, Remote Sensing, Intermediate GIS, Spatial Analysis, Statistics, Calculus I, Energy Resources, Urban Sustainability, Transportation Geography

**National Taiwan University, International Chinese Language Program**  
**Student of Chinese Language**

Taipei, TW  
June – August 2015

*Summer 2015 George Washington University Sigur Center Language Fellow*

*Coursework: 20 hours per week of in-class and 20 plus hours a week of independent Chinese Language study*

## WORK EXPERIENCE

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**George Washington University Department of Geography**  
**Undergraduate Research Assistant**

Washington, DC  
January 2016 - Present

- Assists analysis of spatial relationships between men's sexual HIV risk behavior with income, education, and crime in DC
- Streamlines data intake for department research, creating python scripts that query US Census data to make spatial datasets

**NASA DEVELOP National Program**  
**Research Consultant**

Huntsville, AL  
June 2016 – August 2016

- Created a Malawi landslide susceptibility map for the Regional Centre for Mapping of Resources for Development (RCMRD)
- Collaborated with team to conduct a literature review, write a technical paper, and model landslide susceptibility
- Downloaded data with command line tools, created spatial data in R, and geoprocessed data with ArcPy and PyQGIS

**George Washington University Solar Institute**  
**Undergraduate Solar Scholar**

Washington, DC  
September 2015 – June 2016

- Developed interactive map that illustrates analysis of states' solar policies, economic characteristics, and technical potential
- Produced thematic maps and researched for the institute's report for the December 2015 UNFCCC COP21 meeting in Paris

## INDEPENDENT PROJECTS

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**Clinton Global Initiative Commitment to Action (Service Project)**  
**Grantee & Commitment Coordinator**

Washington, DC  
December 2014 – Present

- Direct the enhancement of LFFP's Peace Garden, installing a rain barrel and creating activities for the organization's students
- Re-initiated LFFP's "Family Night" open houses that serve 20 kids and their parents from neighborhoods in DC

**GW New Venture Competition**  
**Finalist**

Washington, DC  
September 2013 – April 2014

- Co-founded a socially driven music label that was a finalist amongst 117 competitors in GW's New Venture Competition

## EXTRACURRICULAR ACTIVITIES, AWARDS, and ASSOCIATIONS

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*Student Scholar, State of the Map US, Seattle, WA, July 2016*

*Member, The Phi Beta Kappa Society, May 2016 – Present*

*Member, Gamma Theta Upsilon Honor Society, March 2016 - Present*

*Student Committee Member, GW Career Quest, Washington DC, September 2015 – April 2016*

*Award Winner, The President's Volunteer Service Award, May 2015*

*Volunteer Mapper, GW Humanitarian Mapping Society, Washington DC, December 2014 – Present*

*Volunteer Youth Mentor, Little Friends for Peace, Washington DC, September 2013 – Present*

## SKILLS/INTERESTS

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**Computer:** Python, R, HTML/CSS, JavaScript, ArcMap, QGIS, ArcPy, PyQGIS, Tableau, ERDAS Imagine, Leaflet

**Language:** Chinese - Limited Working Proficiency, Spanish - Elementary Proficiency

**Interests:** Maps, Programming, Renewable Energy, Disaster Preparedness, Open Data, Surfing, Hip-Hop, Chinese, and People