

MAX D. GROSSMAN

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EDUCATION

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

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

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

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

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