MAX D. GROSSMAN

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EDUCATION

The George Washington University, **Elliott School of International Affairs**   Washington, DC
International Affairs Major, International Environmental Studies Concentration   May 2017
Geography Major, Geographic Information Sciences Minor
Cumulative GPA: 3.91; Dean's List, 3 Semesters; Outstanding Academic Achievement Award, 2014 – 15 & 2015 - 16
Coursework: Geospatial Programming, GIS & Cartography, Techniques of Spatial Analysis, Digital Image Processing, Remote Sensing, Environmental Hazards, Geography of South Asia, Physical Geography, Sustainability, Intermediate Chinese, Calculus I

National Taiwan University, International Chinese Language Program   Taipei, TW
Student of Chinese Language   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

NASA DEVELOP National Program   Huntsville, AL
Research Consultant   June 2016 - Present
• Creates a Malawi landslide susceptibility map for the Regional Centre for Mapping of Resources for Development (RCMRD)
• Collaborates on a team conducting a literature review, writing a tech paper, and modeling susceptibility for the final map
• Communicates with NASA SERVIR project partners and RCMRD end-users to ensure map is useful for disaster preparedness

George Washington University Department of Geography   Washington, DC
Undergraduate Research Assistant   January 2016 - Present
• Assists research to analyze spatial patterns of men's sexual HIV risk behavior and income, education, and crime changes in DC
• Streamlines data intake process, creating python scripts that query aspatial US Census data sources to make spatial datasets

George Washington University Solar Institute   Washington, DC
Undergraduate Solar Scholar   September 2015 – Present
• Develops interactive map that illustrates analysis of states' policies, economic characteristics, and technical potential for solar
• Produced thematic maps and conducted research for the institute's report for December 2015 UNFCCC COP21 meeting in Paris

INDEPENDENT PROJECTS

GW Office of Sustainability's Eco-Equity Challenge (Service Project)   Washington, DC
Grantee & Project Coordinator   April 2015 – Present
• Direct the enhancement of LFFP's Peace Garden, installing a rain barrel and creating activities for the organization's students

Clinton Global Initiative Commitment to Action (Service Project)   Washington, DC
Grantee & Commitment Coordinator   December 2014 – June 2015
• Re-initiated LFFP's "Family Night" open houses that serve 20 kids and their parents from low-income neighborhoods in DC

GW New Venture Competition   Washington, DC
Finalist   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

Student Committee Member, **GW Career Quest,** Washington DC, September 2015 – April 2016
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, HTML/CSS, JavaScript, ArcMap, QGIS, Tableau, ERDAS Imagine
Language: Chinese Limited Working Proficiency, Spanish Elementary Proficiency
Interests: Maps, Programming, Renewable Energy, Disaster Preparedness, Open Data, Surfing, Hip-Hop, Chinese, and People