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 August 2013 - May 2017
Geography Major, Geographic Information Sciences Minor
Cumulative GPA: 3.89; Dean's List, 3 Semesters; Outstanding Academic Achievement Award, 2014 - 15 & 2015 – 16;
Coursework Includes: GIS Programming, Data Mining, GIS & Cartography, Geostatistics, Digital Image Processing, Remote Sensing,
Calculus I, Physical Geography, Environmental Hazards, Transportation Geography

NATIONAL TAIWAN UNIVERSITY, International Chinese Language Program Taipei, TW
Summer 2015 GWU Sigur Center Language Fellow June 2015 - August 2015
Coursework: 20 hours per week of in-class and 20 plus hours a week of independent Chinese Language study

WORK EXPERIENCE

DEVELOPMENT SEED Washington, DC
Intern May 2017 – Present
- Led development and deployment of the MissingMaps Microsites, sites that track the MissingMaps' country level mapping efforts
- Collaboratively builds internal tools that enhance team's client relations, including a static site generator used to make client reports
- Heads web scraping efforts to include 10 to 20 new air quality data sources in a global database of real time air quality data
- Supports backend and frontend development of an open source road management app used by the World Bank in Vietnam

AMERICAN RED CROSS INTERNATIONAL SERVICES GIS TEAM Washington, DC
GIS Intern October 2016 - May 2017
- Supported post-disaster responses in Haiti and Madagascar, generating datasets and maps that enhanced ISD's response planning
- Assisted remote mapping efforts, validating volunteer mappers' work and creating maps for partner humanitarian organizations
- Built small apps that helped plan drone mapping efforts, generate QR codes, and convert and download field collected GIS data

GEORGE WASHINGTON UNIVERSITY DEPARTMENT OF GEOGRAPHY Washington, DC
Undergraduate Research Assistant January 2016 - May 2017
- Co-developed python scripts that automated creation of a gentrification index used for a research project that analyzed spatial relationships between male sexual HIV risk behavior with income, education, and crime in DC

NASA DEVELOP NATIONAL PROGRAM Huntsville, AL
Research Consultant June 2016 - August 2016
- Created a Malawi landslide susceptibility map for the Regional Centre for Mapping of Resources for Development
- Took lead researching applicable datasets, identifying statistical tests, and writing data processing scripts used in analysis

INDEPENDENT PROJECTS

Clinton Global Initiative Commitment to Action (Service Project) Washington, DC
Grantee & Commitment Coordinator December 2014 - May 2017
- Directed the enhancement of a non-profit's community garden and re-initiated open houses for the community the non-profit serves

EXTRACURRICULAR ACTIVITIES / AWARDS / ASSOCIATIONS

Organizer, **Geo DC,** June 2017 – Present
Member, **The Phi Beta Kappa Society**
Award Winner, **The President's Volunteer Service Award**, May 2015
Radio Host, **WRGW Jellies and Jams**, Washington DC, September 2013 - December 2014

SKILLS

Programming Languages: Node.js, JavaScript, Python, R, Bash, SQL, HTML/CSS, Sass
Frameworks, Site Generators, Visualization Libraries: React, Jekyll, Metalsmith, D3.js, Mapbox GL, Leaflet
Development Tools and Hosting Services: CirlceCI, Travis CI, Git, Yarn/npm, AWS CLI, Gulp, Webpack, Heroku, AWS, GitHub Pages
Interests: OpenStreetMap, Surfing, and Disaster Preparedness & Response