

Mark Miranda

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Greater Atlanta Area

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EDUCATION

Georgia State University, Atlanta, GA May 2019
Bachelor's in Environmental Science
Undergraduate Certificate in Geographic Information Science

Relevant Coursework:

- Backyard Meteorology
- Digital Cartography
- General Ecology
- Geology of Georgia
- Global Issues
- Global Climate Change
- Advanced Geographic Information Systems
- Experimental Methods in Environmental Science
- Geographic Information Systems
- Geologic Resources & Environment
- Geospatial Information System Specialist
- GIS Applications in Planning & Policy Analysis
- Advanced Weather and Climate
- Introduction to Weather and Climate
- Introductory Geosciences 1 & 2
- Intro to Hazardous Materials
- Natural Environments of Georgia
- Safety Orientation
- Tropical Island Ecology

SKILLS

- ArcGIS
- Ecology
- Field Work
- HAZWOPER Certified
- Microsoft Office
- Conservation
- Environmental Science
- Geosciences
- Laboratory Work
- Natural Resources

RESEARCH & DEVELOPMENT PROJECTS

Urban Forestry Technician June 2021
TreesAtlanta, Atlanta, GA

- Watered, mulched, pruned, staked, and removed weeds around young trees planted by TreesAtlanta

Mapping Data Collector August 2020
Voxelmaps, Atlanta, GA

- Collected street level imagery of walkable regions in metro Atlanta using digital mapping equipment
- Mapped pedestrian routes and noted temporary obstructions due to construction, maintenance, and COVID

Field Research—Environmental Field Techniques June 2018
Georgia State University, Atlanta, GA

- Conducted basic field and lab techniques to assess environmental health
- Sampled vegetation with a variety of methods, both plotless and plot-based
- Plotted GPS waypoints and connected them to data
- Conducted biological and chemical assessments of stream health as part of long-term water quality assessment
- Examined soil chemistry and macroinvertebrates in local systems
- Conducted environmental assessments, observed effects of land use, analyzed urban ecological issues for city planning

Undergraduate Research—Field Experience Involving Hurricane Impacts on St. John March 11 – March 17, 2018
Georgia State University, St. John, U.S. Virgin Islands

- One of ten students chosen to work with GSU professor Rebekah Chapman, PhD, on a spring break study abroad
- Researched the environmental impacts hurricanes Irma and Maria had on the ecosystems on St. John
- Examined environmental restoration, marine and terrestrial ecosystems, post-hurricane ecological succession, and wildlife
- Investigated the populations of various plant and animal species, including elkhorn coral, feral hogs, sea urchins, and solanum conocarpum to determine how their populations were affected by the hurricanes

VOLUNTEER EXPERIENCE

St. Benedict's Catholic Church Choir Violinist June 2008 – Present
Knights of Columbus October 2019 – Present
Origami Teacher at Ivy Hall Assisted Living Home August 2012 – May 2015
Religious Education Teacher at St Benedict's Catholic Church August 2013 – May 2015

HOBBIES/INTERESTS

Violinist August 2014 – Present
Johns Creek, GA

- Hired for weddings, funerals, and other special occasions to perform solo and accompanied violin pieces since August 2014
- Played violin since August 2005
- Awarded \$2,025 St. Benedict Music Scholarship

PROFESSIONAL REFERENCES

Rebekah Chapman
Professor
Georgia State University
rchapman@gsu.edu
404-790-6468

Sara Lorusso
Choir Director
St. Benedict's Catholic Church
slorusso@uga.edu
706-296-3007

Rene Urbina
Vice President, Shared Services
Curtiss-Wright
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