

Rodrigo Rivero

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EDUCATION

Masters in National Resources and Environmental Management

Current

University of Hawaii at Manoa, *Honolulu*, HI

Bachelor of Science in Biology

May 2017

University of Florida, *Gainesville*, FL

Minor: Geography

GPA: 3.351/4.000

University Scholars Program

RESEARCH

Undergraduate Researcher, Sessa Laboratory, University of Florida

August 2015 - Present

Under: Dr. Emily Sessa

- Formed a workflow for creating microsatellites for DNA analysis using RStudio and open source packages.
- Carried on laboratory procedures such as DNA extractions, fern spore plating, and also preparing agar medium.
- Designed, implemented and maintained a Laboratory Information Management System(LIMS) in order to keep track of multiple samples involved in a research project.
- Learned and became proficient at creating web-based applications using the PHP programming language and MySQL database system.
- Obtained an understanding of web administration by hosting web pages and a MySQL database on the University of Florida's Hypergator.

Research Intern, University of Notre Dame Environmental Research Center,

May 2016 - July 2016

Mentor: Hannah Madson

- Carried a research study analyzing the relationship between invasive plant species and forest types with a focus on the effects of canopy gaps.
- Wrote a complete research paper and completed a presentation on the aforementioned project.
- Completed four one-week modules on different branches of ecology: vertebrate, invertebrate, forest and aquatic.

LEADERSHIP

President, Korean Undergraduate Student Association

May 2016 - Present

University of Florida

- Oversaw the complete operation of the organization on campus including its body meetings, language workshops, and fundraisers.
- Assisted in the programming and structuring of the organization's shows which have had an attendance of around two hundred people.
- Nurtured good relationships with other campus organizations under the Asian American Student Union, as well as with the office of Asian American Pacific Islanders Affairs.

Social Chair, Korean Undergraduate Student Association

August 2015 - May 2016

University of Florida

- Planned every aspect of the organization's formal and semi-formal dinners at the end of both semesters.
- Structured the activities at each of the organization's general body meetings.

EXPERIENCE

Presentations

University of Florida's Undergraduate Research Seminar

October 2016

Annual UF Undergraduate Research Symposium

March 2017

Volunteer

May 2015 - August 2015

Cleveland Clinic, Weston, Florida

- Worked in the ER by supplying and getting materials necessary, as well as acting as a translator for Spanish-only speakers.
- Supported the hospital staff by being at the front desk, a position in charge of making sure patients and visitors are oriented and knowledgeable of their itinerary.

Musician and Broadcaster

August 2014 - Present

Audio Engineering, Recording & Performing

- Recorded multiple original songs, as well as helped other artists by helping them to record and arrange their music.
- Created different podcasts with which were hosted on a personal website and can be found on the iTunes podcast directory.

SKILLS

Programming Languages: C++, PHP, R, Swift

Software: MySQL, Xcode, RStudio, ArcMap, ArcCatalog, Logic Pro X

Languages: English, Spanish