

## Maxwell and Spencer Ernst

Max and Spencer Ernst graduated from the University of Maryland, College Park on May 19<sup>th</sup> with degrees in Environmental Science. Within the program, we dedicated our time and skills to the concentration: Soil, Water, and Land Resources. We decided on this concentration because of a great desire to study a wide spectrum of environmental issues. It turned out to be the right choice. Every lesson within the focus echoed a progressive and inspiring voice that focused on the development of sustainable solutions not just for our futures but also for our immediate lives.

We want to apply and expand the knowledge we have gained in the classroom by finding jobs in the field this summer. The time has come to get our hands dirty installing rain gardens, planting trees, testing soil, etc. We have also developed an interest in wetland and stream restoration after taking wetland restoration and stream hydrology courses at UMD, as well as visiting several wetland restoration sites along the Inter County Connector (ICC). These are a few areas of concentration that have moved us in our education and fieldwork. However, we would be delighted to fill any positions in our field that will allow us to go to work for the Earth.

Our resumes illustrate that while attending college full time, we were able to balance environmental volunteer work (organizing clean up days), a musical career, and still find time for relationships and family. Much of our down time while in college was devoted to marketing and developing our music business. This polished work ethic that led to excellent grades and an elevated musical career will be a dynamic resource in the environmental work we undertake. It is also clear to us that the success of all future industries lies in the ability to prosper technologically. We have already begun our tech education through training in remote sensing (ENVI) and GIS (Arc GIS).

Attached you will find our respective resumes. We look forward to speaking with you further and will be happy to answer any questions or concerns you may have regarding our eligibility for employment.

Thanks for your time,  
Spencer Ernst and Maxwell Ernst

# Max Ernst

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maxjernst@gmail.com | (301) 452-8932

## EDUCATION

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**UNIVERSITY OF MARYLAND, COLLEGE PARK** **Spring 2013**  
*Environmental Science: Soil, Water and Land Resources*  
GPA 3.7

**GONZAGA COLLEGE HIGH SCHOOL: WASHINGTON DC** **Spring 2008**

## PROFESSIONAL EXPERIENCE

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**THE WALKING STICKS LLC (MUSIC ENTERTAINMENT COMPANY)** **Spring 2012 - Present**  
*Founder/ Co Owner*

- Generated \$10,000 in first year of operation
- Responsible for scheduling, budgeting, and day to day operations

**CHERRY LANE MUSIC PUBLISHING COMPANY** **Fall 2008 - Spring 2013**  
*Songwriter/ Employee*

- Youngest artist on company roster
  - Roster includes Black Eyed Peas and Elvis
- Original compositions featured on CBS, MTV, ESPN
- Earned \$25,000 during first year of employment

## WETLAND RESTORATION EXPERIENCE

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### COURSES AT UNIVERSITY OF MARYLAND

- Wetland Creation and Restoration **Spring 2013**
  - developed wetland restoration plan for disturbed site along N.W. Branch (Anacostia)
  - organized Earth Day river clean up with local community center and middle school
- Watershed and Wetland Hydrology **Fall 2011**
  - examined the physical processes by which water moves in watershed/wetland
  - researched these processes in the Northwest Branch Stream- Silver Spring, MD.
- Fundamentals of Soil Science **Fall 2012**
  - studied the chemical, biological and physical properties of wetland soils
  - explored the engineering uses of soil

## COMPUTER PROGRAMMING EXPERIENCE

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**GIS** **Spring 2012**

- ARC GIS- enrolled in a semester long laboratory course

**REMOTE SENSING** **Spring 2013**

- ENVI- enrolled in a semester long laboratory course

**MICROSOFT OFFICE** **Fall 2011- Present**

- Microsoft Excel- can create flow duration curves, flood frequency charts, etc

**ADOBE** **Spring 2012-Present**

- Dreamweaver- update and maintain thewalkingsticksband.com

## OUTDOOR EXPERIENCE

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**DAILY HIKING** **Fall 2002- Present**

- 2 miles along the N.W. Branch Stream (Anacostia Watershed)

**STRENUOUS HIKING** **Summer 2012**

- Old Rag- 9 miles
- White Oak Canyon- 7 miles

# Spencer Ernst

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sernstumd@gmail.com | (301) 448-9139

## EDUCATION

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**UNIVERSITY OF MARYLAND, COLLEGE PARK** **Spring 2013**  
*Environmental Science: Soil, Water and Land Resources*  
GPA 3.7

**UNIVERSITY OF MARYLAND HONORS PROGRAM** **Spring 2013**

**GONZAGA COLLEGE HIGH SCHOOL: WASHINGTON DC** **Spring 2008**

## PROFESSIONAL EXPERIENCE

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**CEO OF THE WALKING STICKS LLC** **Spring 2012- Present**

- Generated \$10,000 in revenue during first year of operation
- Co-managing two employees

**CHERRY LANE MUSIC PUBLISHING COMPANY** **Fall 2008- Spring 2013**

- Youngest artists to sign with the company
- Earned \$25,000 during first year of employment
  - roster includes the Black Eyed Peas and Elvis

## WETLAND RESTORATION EXPERIENCE

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### COURSES AT UNIVERSITY OF MARYLAND

- Wetland Creation and Restoration **Spring 2013**
  - developed a wetland restoration plan for distressed site (Langley Park, MD)
  - organized Earth Day river clean up with local community center and middle school
- Watershed and Wetland Hydrology **Fall 2011**
  - examined the physical processes by which water moves in watershed/wetland
  - researched these processes in the Northwest Branch Stream- Silver Spring, MD.
- Fundamentals of Soil Science **Fall 2012**
  - learned the chemical, biological and physical properties of wetland soils
  - explored the engineering uses of soil

## COMPUTER PROGRAMMING EXPERIENCE

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**GIS** **Spring 2012**

- ARC GIS- semester long lab course learning the program

**REMOTE SENSING** **Spring 2013**

- ENVI- semester long lab course learning the program

**MICROSOFT OFFICE** **Fall 2011- Present**

- Microsoft Excel- can create flow duration curves, flood frequency charts, etc

**ADOBE** **Spring 2012-Present**

- Dreamweaver- designed and continue to maintain website:
  - thewalkingsticksband.com

## OUTDOOR EXPERIENCE

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**DAILY HIKING** **Fall 2002- Present**

- 2 miles along the Northwest Branch Stream, MD
  - steep inclines and declines

**STRENUOUS HIKING** **Summer 2012**

- Old Rag- 9 miles
- White Oak Canyon- 7 miles