

205 East Wylie Street
Bloomington, Indiana 47401

Phone #: (812) 822-0003
Email: ripleyarch@hotmail.com

■ **OBJECTIVE:**

To obtain a teaching position at a university in Vietnam. Particular interest in Environmental Education, focusing on energy resources, climate change, “green” architecture, and sustainable development.

EDUCATION:

Indiana University, School of Public and Environmental Affairs, Bloomington, IN
Master of Science in Environmental Science, May 2013

Concentration: Energy/ Climate Change/ International Development

In graduate school, I did in-depth independent research papers on the following subjects:

- Climate Change and Global Governance
- Urbanization and the Environment: Sustainable Development in Vietnam
- Geo-engineering the Climate
- A Sustainable Energy Portfolio for Vietnam
- Agriculture and Climate Change in Mainland Southeast Asia
- Replacing Petroleum with Biofuel Ethanol in the U.S.
- Air Pollution in Cities of the Developing World - Hanoi
- City of Bloomington, City Hall Solar Electricity Generation Feasibility Report
- Cost Benefit Analysis of Photovoltaic Parks on the Island of Cyprus



Ball State University, College of Architecture and Planning, Muncie, IN
Bachelor of Arts in Architecture, May 2008

Concentration: Environmental Design/ Sustainable Development

Indiana University, College of Arts and Sciences, Bloomington, IN
Bachelor of Arts in Theatre and Drama

Concentration: Acting

Ivy Tech State College, Bloomington, IN
Associate of Applied Science

Concentration: Electronics Technology

TEACHING EXPERIENCE:

- Summer 2011, May 2012 to present* **English as a Second Language (ESL) Tutoring**
Volunteers In Tutoring Adult Learners (VITAL) - Monroe County Public Library, Bloomington, IN
- Tutoring adults in the English language as a second language for reading, writing, math literacy and conversational speaking skills.
- Oct. 2009 to May 2010* **Substitute Teaching - Public School**
North Lawrence Community Schools, IN
- Substitute teaching in all subjects for community High School and Middle School classes.
 - Indiana Substitute Teaching Certificate, 2009-2012.
- Nov. 1996 to May 2004* **Studio Audio Technician/ Work Study Tutoring**
Indiana University School of Music, Bloomington, IN
- Supervised and taught Indiana University work-study students in electronics technology.

PROFESSIONAL ACTING AND THEATRE TRAINING:

- Professional Actor, Chicago, IL**
- Extra player on the Television Series “The Untouchables” and Hollywood films (Baby’s Day Out) based in Chicago, IL.

■ PROFESSIONAL ACTING AND THEATRE TRAINING (cont.) ■

B.A. in Theatre and Drama, Indiana University

- Acting classes: Acting I - Improvisation
Acting II - Realism
Acting III - Shakespeare
- Voice and Speech: Phonetic alphabet, American dialects - Southern, New York, British, Irish
- Movement for Theatre

LANGUAGE SKILLS:

- Basic Vietnamese
- Basic French

PROFESSIONAL WORK EXPERIENCE:

May 2012 to
Aug. 2012

Energy Management Intern
City of Bloomington, Office of the Mayor
Dept. of Economic and Sustainable Development, Bloomington, IN

Scope: To work on energy assessments of city-owned buildings, evaluate data to determine potential for energy-efficient upgrade opportunities and/or renewable energy system installations.

Result: To comply with the city’s Green Building Ordinance mandating LEED:EB Silver Ratings for all public buildings, I analyzed two public buildings and created “Energy Analysis and Upgrade Reports.” By utilizing my architectural and graphic design skills, I created easy-to-read, persuasive drawings for renewable energy opportunities and energy efficient measures. By combining my unique, over-arching design, engineering, and environmental science knowledge, I developed reports superior to the basic audits usually found in the market. These reports pinpointed the most economically viable LEED credits, energy efficiency measures, and renewable energy potentials; thus have prepared the city with the necessary steps to fulfill its required mandate for these buildings.

July 2011 to
May 2012

GIS Data Management/Technician
Image Matters LLC, Bloomington, IN

Scope: To process GIS (Geospatial Information Systems) data for the visualization tool SLAMM-View (Sea Level Affecting Marshes Model) contracted by the U.S. Fish and Wildlife Service.

Result: Under individual contract, my detailed GIS data processing and management of hundreds of visual map files, from 67 U.S. Fish and Wildlife coastal refuges, was presented to Image Matters, LLC. The GIS data allowed the official launching of SLAMM-View on the world-wide-web in collaboration with the U.S. Fish and Wildlife to visually present and predict sea-level rise on coastal refuges with unmitigated climate change up to the year 2100.

Jan. 2009 to
Jan. 2011

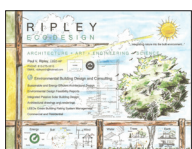
Ripley Eco-Design, Owner, Bloomington, IN

Scope: To create, develop, design, market and implement an environmental design business plan.

- Sustainable & Energy Efficient Architectural Design: Consulting for Green Building design strategies on residential and commercial construction and rehab. Integrated passive solar building design.

Result: Ripley Eco-Design was created. I designed a state-of-the-art 2500 sq. ft. integrated passive solar house with off-grid living potential for Prudential Real Estate. The house featured my green design “invention” called the “Ripley Solar Eco-Living System.” The integrated south-facing envelope system design provides 15-20 functional, energy-efficient and indoor environmental quality features.

- Provided Herndon Design, LLC with architectural renderings and a “Environmental Design Consultation Report” for a private school new construction project, Pinnacle School.
- Continued with design consultation as a full-time graduate student at IU SPEA.



Phone #: (812) 822-0003
Email: riplearch@hotmail.com

July 2008 to
Sept. 2008

LEED® Project Team Manager/Architectural Designer
Shur Architects, Portland, Oregon

Scope: Firm needed a LEED Project Team Manager/Administrator for RS Davis Recycling expansion building (3 million budget) seeking Gold Certification in Clackamas, OR.

Result: I managed and advised Shur Architect's first LEED Project while coordinating all members. I assisted Principal Architect on floor plan designs and sustainable daylighting strategies, and represented LEED Certification in project meetings. I developed a LEED report for the company to follow on future LEED projects to assist in the accreditation process.

May 2007 to
Aug. 2007

Architectural Intern
The Estopinal Group, Jeffersonville, IN

Scope: Design and produce construction documents for Mockingbird Soccer Club remodel in Louisville, KY. Work on construction documents for major Hospital Facilities including Union Hospital (112 million budget) in Terre Haute, IN and other residential and commercial projects.

Result: Both projects were built using my contributions.

Nov. 1996 to
May 2004

Studio Audio Technician
Indiana University School of Music, Bloomington, IN

- In charge of repairing and maintaining the production audio and video equipment of the School of Music Audio Department.
- Supervised and trained student employees in electronic technology.
- Assisted in Design of facilities, while performing hard wiring and installation of the equipment.

ACCREDITATION:

LEED® (Leadership in Energy and Environmental Design) **Professional Accreditation**, 2009.
United States Green Building Certification Institute. LEED AP test score 191/200.

COMPUTER SKILLS:

Working proficiency:

Microsoft Office Suite 2010, ArcGIS 10, AutoCAD 2008, Adobe InDesign CS4, Adobe Photoshop CS4.

AFFILIATIONS:

National Council of Architectural Registration Boards - IDP registered

Energy Leaders Student Association - Indiana University, School of Public and Environmental Affairs - founding member

REFERENCES:

Anh Tran, Ph.D.
Assistant Professor
SPEA, Indiana University
Bloomington, IN 47405
Email: trananh@indiana.edu
Phone: 812-855-0563

Jeff Ehman, Ph.D.
Director of Midwest Operations
Image Matters, LLC
Bloomington, IN 47401
Email: jeffe@imagemattersllc.com
Phone: 812-325-7937

Jacqueline Bauer
Sustainability Coordinator
Dept. of Economic & Sustainable
Development
City of Bloomington, Office of the
Mayor
Phone: 812.349.3418
Email: bauerj@bloomington.in.gov

Henk Haitjema Ph.D.
Haitjema Consulting, Inc.
2738 Brigs Bend
Bloomington, IN 47401
Email: henk@haitjema.com
Phone 812 336 2464

Osita George Afoaku, Ph.D
Clinical Professor
SPEA, Indiana University
Bloomington, IN 47405
Email: osafoaku@indiana.edu
Phone: 812-339-8453

Malcolm Webb
Senior Investment Strategist
Malcolm Webb Wealth Management
Bloomington, IN 47401
Email: malcolmmcgwebb@gmail.com
Phone 812-323-0427