

resume

NIKITA JATHAN

interested in energy, design and the environment.

contact

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skills

Microsoft Office suite (Access, too)
Mac Pages, Numbers, and Keynote
Windows, Mac OS
ArcGIS software suite
Intermediate level spoken and written French

experience

School of Architecture, NC State University:
Building Energy Technology Laboratory

Office of Sustainability,
Virginia Commonwealth University

Ecological Camps for Conservation Awareness,
Nourish International

Campus Learning Center,
Virginia Commonwealth University

The Daily Planet,
Free Clinic and Homelessness Resource Center

Alternative Spring Break,
Virginia Commonwealth University

International Student Volunteers

Gilings School of Public Health, UNC Chapel Hill:
The Water Institute and Sobsey Laboratory

education

M. Environmental Studies, Virginia Commonwealth University. F14 - S15 (expected)

Accelerated Master's Program

Project thesis: energy efficiency and renewable energy in buildings

B.S. Environmental Studies, Virginia Commonwealth University. F10 - S14

Major: Environmental Studies, Minor: Chemistry

University Honors, Presidential Scholar, Dean's List

GPA: 3.73

relevant coursework

Principles and Methodologies of Sustainable Design – Philadelphia University School of Architecture.

Senior Capstone in Environmental Studies – developed initiative to encourage green modifications in aspects of everyday life, utilizing sortable web interface. Gained experience in design software and sustainable architecture.

Independent Study – post-Thailand community development trip research on water sanitation and public health in Southeast Asia.

Job Creators and Risk Takers – selective, Deans-taught course; currently part of LLC with mission of creating environmentally sustainable and innovative products.

Also: Ecology, Biochemistry, Introductory and Cellular Biology, General and Organic Chemistry, Statistical Methods, Calculus-based Physics I and II, Calculus II, Survey of Western Art, Intro to Drawing (studio)

Graduate: Ecological Risk Assessment, Intro to ArcGIS

Research Assistant. Summer 14. Helped develop framework and web tool for architects to optimize roof function in energy consumption, generation, and sustainability. Reviewed prospective publications, participated in discussion, compiled research, and gained familiarity with Photoshop, Python, etc.

Campus Sustainability Intern. Aug 13 - Present. Helped coordinate all initiatives associated with VCU Goes Green and goals in accordance with Climate Commitment, including LEED certifications, energy benchmarking, campus-wide campaigns, Sustainability Committee proceedings, etc.

Volunteer. Summer 13. Two months in Nepal working with ECCA (non-profit community organization); advanced projects such as solar power conversion, environmental education, planning in park development.

Tutor. Aug 12 - Dec 13. As part of University College's free services to students. Introductory level and cellular biology, organic chemistry, biochemistry, and environmental studies courses.

Case Manager/Employment Resources Volunteer. Feb 12 - May 13. As part of Richmond Homelessness and Employment Task Force. Helped clients improve computer literacy; aided in employment seeking.

Volunteer. Spring Breaks 11 - 13. Projects for three consecutive years: children and homeless outreach in Atlanta, GA, English education in Monte Cristi, Dominican Republic, and science education in Santa Clara County, CA.

Volunteer. Summer 11. One month in Thailand in community development (built schoolhouse, taught English in Wat Ban Lao village) and elephant care and rehabilitation.

Intern and Research Assistant. Summer 11. Database organization and research for UNC Water Institute, related to global water quality and environmental engineering initiatives.

leadership

Emerging Healthcare Leaders at VCU. Feb 12 - May 13. Vice President, then President.

National organization funded by VCU Quest Innovation Fund.

Class of 2014 at VCU. Mar 11 - May 14. Vice President.

American Red Cross Student Organization at VCU. Sep 11 - Mar 13. Public Relations Chair.

Carver Promise Mentoring Program. Sep 11 - May 12. Mentor (Big Sister).

VCU Honors College Mentoring Program. Aug 11 - Dec 12. Mentor.

Mary and Frances Youth Center. Jan - Dec 11. Life Skills Teacher.

other interests

photography
sustainability
cuisine
dance
taekwondo

special recognition

Selected, VCU Honors College, Dossier Award Finalist

Published, Virginia Department of Game and Inland Fisheries Outdoor Report, Feb 13

Selected, VCU Honors College, Art on Display Exhibit – Photography

Awarded Dean's List standing consistently

Awarded First Place in the Virginia Outdoor Writers Association Collegiate Writing Contest 2012

Awarded VCU Presidential Scholarship, covering in-state tuition, fees, room and board for four years

Named AP Scholar with Distinction, CollegeBoard