

SHAHNOZA BOBOEVA

EDUCATION

Columbia University, The Fu Foundation School of Engineering and Applied Science
MS in Earth and Environmental Engineering

New York, NY
Expected December 2014

Relevant coursework: Energy Sources and Conversion, Alternative Energy Resources, Environmental Engineering, Industrial Ecology of Earth Resources, Carbon Sequestration, Entrepreneurial Business Creation for Engineers

Khujand Branch of Technological University of Tajikistan
Faculty "Agrotechnology"

Khujand, Tajikistan
2004-2009

BS in Agribusiness with a concentration in Agricultural Engineering Technology
MS in Agriculture with a specialization in Animal Husbandry

Relevant coursework: Ecology, Industrial Engineering, Management and Marketing, Economic Theory

PROJECT EXPERIENCE

Columbia University Master's Thesis

Potential of Air Capture and Waste to Energy Plant in Tajikistan

New York, NY
October 2013-Present

Analysis of existing and potential energy sources and potential of air capture in Tajikistan and current state of waste management in Khujand and the potential for energy and material recovery from solid wastes using background research on renewable energy and waste to energy theory

- Produced step-by-step research plan for year-long thesis research project on air capture and energy sources in Tajikistan and the potential for energy and material recovery from solid wastes in Khujand

Khujand Branch of Technological University of Tajikistan Diploma Project

Technology of cow breeding and prevention their sterility

Khujand, Tajikistan
Oct 2008-May 2009

- Collected the data from cattle farms and analysed them; Recommended some veterinarian medicines to prevent cow's sterility

WORK EXPERIENCE

Zoovetsnab (Agricultural and Veterinary Business)

Manager of Agricultural Inputs and Veterinary Medicine

Khujand, Tajikistan
Sept 2012-May 2013

- Assisted clients in determining veterinary medicine for their livestock; Advised clients on agricultural practices

New York State Psychiatric Institute at the Columbia-Presbyterian Hospital

Documentation Assistant

New York, NY
Sept 2011-Dec 2011

- Translated academic research papers from English to Russian and Tajik; Worked with faculty to organize research

A.T.R. Jewelry, Inc.

Documentation Assistant

New York, NY
2010-2012

- Jewelry documentation editing and translation; Design and layout of website pages, photos and text, managed all content

LLC Imon International (Microlending organization)

Specialist for Microloan Officers

Khujand, Tajikistan
2009-2010

- Conducted courses in planting, pest control, storage and commerce of fruits and vegetables for credit officers, including teaching, preparation of presentations and creation of brochures in Russian and Tajik
- Designed a business plan from production to consumption in meat and sausage products using German technologies
- Co-implemented a business plan for a workshop on German greenhouse construction and operation

Bodenmatte, Fenkrieden (Farm using, glass and plastic greenhouses)

Intern

Luzern, Switzerland
May 2008-Sept 2008

- Completed pollination duties in three greenhouses, monitored water control, surveying minerals and vitamins daily
- Acquired new technologies in growing cucumbers and tomatoes

LANGUAGES

Fluent in Tajik, Russian and Persian; Proficient in English and Arabic

SKILLS

Computer: SimaPro, Excel, MS Word, PowerPoint, Adobe Photoshop, Adobe Reader, Windows XP, Windows 7, Mac