Boyd H. Pro

1155 N. State Street Suite 424, Bellingham, WA 98227 | 360-306-5331 | boyd@chinookwind.net

EDUCATION

University of Washington *Seattle, WA | 2004*

Bachelor of Science, Physics
Bachelor of Arts, Environmental Studies
Minor, Mathematics
University coursework:

- Physics Coursework: Mechanics, Thermodynamics, Electromagnetism, Optics, Quantum Mechanics, Circuits Lab, Advanced Electronics Lab.
- Environmental Studies Coursework: Energy and the Environment, Design for Environment, Fuel Cell Design, Environmental Politics and Policy.
- Mathematics Coursework: Advanced Calculus, Differential Equations, Matrix Algebra, Number and Set Theory, Field Theory, Probability and Statistics.

EXPERIENCE

Black & Veatch Corporation *Overland Park, KS | Nov., 2004 – Dec., 2006*
Renewable Energy Consultant, Global Renewable Energy Group

Contributing to a variety of projects for global client base, focusing on all renewable technologies including biomass, solar, wind, hydro, and geothermal. Clients included developers, utilities, banks, and government organizations. Project scopes include integrated resource planning, resource assessment, advanced technology feasibility studies, due diligence, site evaluation, and proposal preparation. Leading technical specialist for biomass resource assessment and technology evaluation.

University of Washington *Seattle, WA | Jan., 2004 – Sept., 2004*
Paid researcher, Mechanical Engineering Design for Environment Lab

Contributed to Solid Oxide Fuel Cell (SOFC) Life Cycle Assessment project, with individual responsibilities focusing on SOFC end-of-life. Worked independently under the guidance of the lab director, with duties including research and analysis of advanced SOFC technologies and applications.

Institute for Lifecycle Environmental Assessment (ILEA)
Research Assistant *Seattle, WA | Sept., 2002 – April, 2004*

Conducted research in support of ILEA's publication, "Carrying the Energy Future: Comparing Hydrogen and Electricity for Transmission, Storage, and Transportation" (ilea.org).

University – National Park Energy Partnership (UNPEP) *Sept., 2001 – March, 2001*

Evaluated solar resource as contribution to UNPEP project to provide power to National Park facilities.

PUBLICATIONS

Energy and Land Use Impacts of Sustainable Transportation Scenarios, published in The Journal of Cleaner Production, 2005.

COMPUTER SKILLS

Microsoft Windows, Word, Excel, Access, PowerPoint, Visio, FrontPage
WindFarm, Windfarmer, Labview, PowerMap, GIS
Experience with various programming languages including C, Visual Basic, R, Pascal, SQL, and HTML
Knowledge of hardware and software configurations and computer networking