# **Gordon Baugh**

gordonbaugh@yahoo.com 1751 Kenny Rd. Apt. 32, Columbus, OH 43212 cell: 614-937-0087

## Education

Ohio State University **Master of Education**  Columbus. Ohio

2001-2002 GPA: 3.91 / 4.0

- Certification in physics (7-12). •
- Thesis: Effects of Integrating Physics History on Student Physics Competency and Attitudes Towards Physics •

Ohio State University	Columbus, Ohio	1992-1997
B.S. in Engineering Physics		GPA: 3.61 / 4.0

- Engineering Physics: physics major plus >40 credit hours electrical engineering course work.
- Successful honors thesis project, including oral defense, magnetization of superconductors. Created joint project in both the Materials Science Engineering and Physics Departments.

## Awards Received

- Graduated with distinction. 1997 •
- Jones Engineering Scholarship \$1,800. 1996-1997 •
- Ohio State Physics Department scholar of the year, sophomore and junior years. 1994, 1995
- Phi Beta Kappa (OSU chapter) Freshmen book award: two students chosen annually. 1993
- Ohio State University honors student. 1992-1997 •

## Work Experience

360water. Inc.

# **Director, Operations & Maintenance Training Technology**

#### Technical writing of online operations and maintenance training for water and wastewater facilities. •

- Manage online course production; work with plant owners and consulting engineers on course content. •
- Technical graphics expertise and HTML expertise for online training courses. •

Ohio State University Physics Dept. 2002-2003 Columbus, Ohio

- Instructor, undergraduate physics (calculus based)
- Graduate Teaching position, recitation instruction of calculus-based electricity/magnetism for engineers. •
- Managed the introduction of a hand-held student response system; the first time used in OSU physics lectures. •

#### Eisenhower National Clearinghouse (ENC) Columbus, Ohio 2001-2003 **Science Abstract Writer**

- Writing abstracts / summaries for science, engineering, and mathematics materials as a Graduate Research • Associate.
- Supervisor: Mrs. Jennifer Gonya, senior science abstractor, Columbus, OH, phone: (614) 688-3472 (O) •

Consultech (a Chinese market research consulting company) Shanghai, China 2000-2001 Training management, Web design, promotion and marketing

- Began and managed corporate training efforts as a service to client companies. Sourced trainers, organized • courses, set 2001 schedule, promotion.
- Complete overhaul of Consultech's website in English. Updated and created promotional material, added web • response forms, registration forms, news articles. www.china-invest.com/Consultech/main.htm
- Project leader for creation of online training modules on marketing and market research. ٠
- General Manager: Mr. Neil Wang, Beijing, China, phone: +86-0431-2988-690 (H)

Columbus. Ohio

2003-Present

Harbin Engineering UniversityHarbin, China1997-1999English Teacher, English Language Institute / China

- Taught English to Chinese university students. Advanced writing, composition, and communication skills.
- English course for Engineering Masters Degree candidates using simulations of real engineering situations.
- Dean of English Department: Dr. Ouyang Quan, Harbin, China, phone: +81-0451-251-9226 (O)

Ohio State University Physics	Dept.	Columbus, Ol	hio 1994-1997	
Research Assistant, Dean J.C. Garland Condensed Matter/Superconductivity Lab				

- Functioned as member of the Garland research team by collecting and analyzing data on existing Magnetization vs. Temperature apparatus for four senior researchers and honors thesis research project.
- Presented thesis work at conferences in both Notre Dame University and Indiana University.
- Performed daily laboratory tasks: sample preparation, system maintenance, ordering supplies, cleaning.
- Supervisor / thesis advisor: Dr. Chris Keener, engineer, IBM, San Jose, CA, phone: (217) 344-8427 (H)

### Languages and computer applications

- MS-Office applications (including PowerPoint), Macromedia Dreamweaver and Authorware, Maple, Matlab, Fortran, limited C++ and AutoCAD.
- Spoken Mandarin Chinese

### Volunteer experience

- Flood relief, southern Ohio. Cleaned up debris and repainted flood damaged property.
- Worship leader for college fellowship group of King Avenue United Methodist Church, Columbus, Ohio.
- Member of the Ohio State University Varsity track and field team, Spring and Fall 1993. High Jump.
- Participant of Big Ten Championships in Ann Harbor, Michigan, Spring 1993.
- Downtown Columbus Soup Kitchen volunteer
- Habitat for Humanity volunteer. Fabricated and raised walls. Hung drywall.