

Nicholas C. Lederer
University of Washington Graduate

lederer@amath.washington.edu
Home 206 774 0878 Cell 206 354 5780

8800 20th Ave NE
Apt. B208
Seattle, WA 98115

OBJECTIVE

Seeking a position with a growing organization where I can make a positive impact on revenues, and experience long term career growth.

SKILLS

- Expertise in the use of MATLAB and the Statistics Toolbox
- Knowledge of Java, FORTRAN, and C/C++ languages
- Exposure to all Microsoft Office applications
- Proficiency in LaTeX
- Experience with HTML

EDUCATION

University of Washington

Masters of Science, Applied Mathematics, August 2006
Overall GPA 3.57

University of Texas

Bachelor of Science, Mathematics, May 2003
Overall GPA 3.33

EXPERIENCE

June, 2005 - Mar.,
2006

Applied Physics Laboratory, UW, Seattle, WA

<http://www.apl.washington.edu/>

Research Assistant

- Inspected previous work on the project
- Analyzed sea-surface RADAR data using alpha-stable distribution functions
- Modeled RADAR signal with alpha-stable distribution functions
- Quality test existing software used to analyze data
- Implemented alternative software to analyze data
- Investigated possible correlations between analyzed data and environmental conditions
- Wrote report describing procedure of analysis

June, 2000 - July,
2003

Cockrell River Camp, BSA, Houston, TX

<http://www.shac.org/Home/Camping/Camps4/Cockrell/>

Program Director

- Hired and trained staff of 80+ personnel
- Ensured the safety of campers
- Resolved disputes within the staff and between the staff and the customer
- Planned projects and activities related to improving customer experience

Aquatics Director

- Trained lifeguards
- Responsible for the safety of all people in and around the water

Rowing Instructor

- Taught youths how to row and rescue drowning swimmers

June, 1997 - August,
1999

Camp Freedom, Boy Scouts of America, Dautpfe, Germany

<http://www.tac-bsa.org/freedom.htm>

Aquatics Instructor

- Taught rowing and canoeing skills
- Ensured safety of all people around the lake

**PROFESSIONAL
MEMBERSHIPS**

Member, Society for Industrial and Applied Mathematics - 2005 to present

Member, American Mathematical Society - 2006 to present

Treasurer, Society for Industrial and Applied Mathematics at the University of Washington - 2005 to 2006

PUBLICATIONS AND PRESENTATIONS

“Using Wavelets and Alpha -stable Distributions to Analyze Radar Back-scatter,” Presented at the Department of Applied Mathematics, University of Washington, July 2006

RELEVANT COURSEWORK

Fundamentals of Optimization; Scientific Computing; Applied Linear Analysis; Numerical Analysis of Boundary Value Problems; Numerical Analysis of Time Dependent Problems; Spectral Methods; Atmospheric Motions I; Boundary Layer Meteorology; Wavelets: Data Analysis, Algorithms, and Theory.

REFERENCES

Loyce Adams, Ph.D.
Advisor, Department of Applied Mathematics
University of Washington, Seattle
adams@amath.washington.edu
206-543-5077

Ellen Lettvin, Ph.D.
Assistant Director, Applied Physics Laboratory
University of Washington, Seattle
ellenl@apl.washington.edu
206-685-1505

Bill Ross
Family friend, Technology Challenge Leader, Reservoir Manager
British Petroleum
rossb2@bp.com
281-491-5139

Online Resume: <http://uw.confidentialresume.com/NicholasLederer>