

IRINA V. DJALALOVA

NOAA/CIRES Physical Sciences Division

325 Broadway, DSRC

Boulder, CO 80305

(303)497-6238

irina.v.djalalova@noaa.gov

EXPERIENCE

2005-present

Cooperative Institute for Research in Environmental Sciences (CIRES),
University of Colorado, Boulder
Associate Scientist III
Works with scientific data from different observational platforms and numerous atmospheric models. Develops the new software for visualization and comparison data during experiments in near real-time.
Creates and supports the post-processing data programs.
Has vast expertise with C, FORTRAN, IDL, Mat lab, UNIX-scripting.
Works in different operating environments like Windows, UNIX, LINUX.

1997-2005

STC/NOAA
Senior Application Engineer
8.5 years of programming experience at the NOAA Environment Technology Laboratory.

1993

Ester Lauder Co, Moscow office, Russia
Programmer
Worked with cosmetic product database

1980-1992

Scientific Institute of Aircraft Technology, Moscow, Russia
Applied mathematician
Developed computer programs for spacecraft tiles milling as a part of "Soviet Shuttle" project, worked with robot manipulator's equipment programming tools for several SUKHOI aircraft models.

EDUCATION

1973-1980

B.S. & M.S. in physics, specialization in applied mechanics
Moscow State University, Russia
School of Mathematics and Mechanics

1995-2010

Programming courses:
CSC-230 C Language Programming
CSC-232 OOP/C++
CIS-175 UNIX
ENG131500 Technical Writing I
Front Range Community College, Westminster, CO

CACS-415 UNIX System Administration
Department of Continuing Education,
University of Colorado, Boulder

SA-237 Solaris 7 System Administration I
SUN, Broomfield, CO

Intermediate Programming and Analysis with IDL
Advanced Topics in IDL
RSI, Boulder, CO