



Jørn A. Jernsletten, Dr.Philos.

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Career Goals

To be gainfully employed with a technically / technologically deep and managerially efficient / shallow organization, doing challenging work and flexing my learning abilities today, with room for growth and mobility tomorrow.

Exemplifies strong work ethic with valuable interpersonal skills, resourcefulness, and agility. Recognized for being detail-oriented and having a passion for learning. Interested in a diverse and inclusive work culture that promotes relationship-building and collaboration that will utilize my background and skills, and challenge me to grow further.

Skills / Certifications

- phd exploration geophysicist; B.S. in Computer Science from SOSU, an M.A.S. in Space Studies from E-RAU, and a Dr.Philos. in Earth Science (geophysics / planetary science) from Universitetet i Bergen (UiB).
- Operational skills / experience practiced in Norway, more than 40 US states, Algeria / North Africa, Lebanon, UAE, Oman, Kurdistan / Iraq.
- EASA / Norway + FAA airline pilot with several American Eagle & United Express contractors across the USA, Canada, and Mexico.
- FAA ATP AMEL / I with E170/E190, EMB-145, and CL-65 (CRJ-700 / CRJ-900) type ratings; FAA Gold Seal Flight Instructor [MEI / CFI / CFI]. 3,343:08 (hh:mm) flight hours total; 203:20 jet PIC; 1,546:02 jet SIC; 1,107:30 hours as CFI; 2,212:13 cross country; 445:58 night; 362:18 instrument (196:54 actual / 165:24 sim.); 1,732:20 PIC; 602:2 instruction received; 11:54 helo.
- Weapons radar operator (ASYO), Royal Norwegian Navy.
- Rifleman / infantry soldier, Royal Norwegian Army, NORBATT / UNIFIL, Middle East, Lebanon.

Personal Background

I am Sámi (the native people of Northern & central Scandinavia and Finland, and parts of the Kola Peninsula) & Norwegian, and I am not afraid of being alone, do not get lost, and can work in teams or independently and make decisions outdoors and in remote locations / environments.

Extensive operational experience with employing highly technological tools in challenging environments, as exemplified by my involvement as an exploration geophysicist in the seismic exploration for oil & gas in the deserts of North Africa, winter seasons in the North Slope of Alaska, and offshore Gulf of Mexico on the coasts of Texas and Louisiana, and the Middle East / Iraq. My military and aviation experiences compliment this mix of high technology and challenging environments.

Education / Training

- 23 June 2004: **University of Bergen, Norway (UiB).**
Doctor Philosophiae (Dr.Philos.) degree in geophysics and planetary science.
Dissertation: "Possible Temperature-Related Slope and Surface Roughness Differences Between the North and South Walls of Coprates Chasma, Mars".
Experience / Skills: Active source magnetotelluric, transient electromagnetic, fast-turnoff transient electromagnetic, resistivity, induced polarization, reflection & refraction seismic, ground-penetrating radar, gravity, magnetic, and broadband active electromagnetic geophysical field methods.
- 09/1996-08/1997: **Embry-Riddle Aeronautical University, Daytona Beach, Florida (E-RAU).**
Master of Aeronautical Science degree in space studies.
Graduated with a 3.88 GPA (4.00 scale).
Skills / Courses: Remote sensing / synthetic aperture radar (SAR); space operations; space physiology; air transportation; human factors.
- 08/1991-08/1993: **Southeastern Oklahoma State University, Durant, Oklahoma (SOSU).**
Bachelor of Science degree in computer science.
Finished in 24 months, Magna Cum Laude with a 3.89 GPA (4.00 scale).
Skills / Courses: Operating systems (Windows XP, 2000, NT, 9x, 3.x, MS-DOS, Linux, UNIX, DEC Vax VMS); programming (C++, C, Fortran, Assembler, COBOL, SQL, Pascal, HTML, Lisp, Basic); applications (ArcView, MS Office, Photoshop, Acrobat, Matlab, USGS ISIS, etc.).

Work / Military Experience

- 09/2023-present: **PSA Airlines, Inc. [dba American Eagle], Dayton, Ohio:**
Direct Entry Captain (DEC); MHI / Bombardier CL-65 [CRJ-700 / CRJ-900] Captain / pilot / pilot in command.
- Champlain Enterprises, LLC; dba CommutAir [dba United Express], Houston, Texas:**
05/2022-11/2022: Embraer E-145 Captain / pilot / pilot in command.
05/2021-05/2022: Embraer E-145 First Officer / second in command.
- 07/2019-05/2021: **ExpressJet Airlines, Inc. [dba United Express], Houston, Texas:**
07/2018-07/2019: **SkyWest Airlines, Inc. [dba United Express, Delta Connection], St. George, Utah:**
04/2017-05/2018: **Mesa Airlines, Inc. [dba United Express], Houston, Texas:**
Embraer E-175 First Officer / co-pilot / second in command.
- Global Geophysical Services, Inc., Houston, Texas:**
11/2013-04/2015: **Geophysical Supervisor, Alaska Operations.** Geophysical field operations during two full winter seasons on the North Slope of Alaska.
08/2012-10/2013: **Geophysical Supervisor, Marine Operations.** Responsible for supervision of QC and in-field processing in marine geophysical acquisition operations. Also responsible for 3D seismic survey design for bids and operational projects (recording scripts generation, etc.), and for processing field test data; using primarily Mesa and ProMAX software tools.
- 08/2010-07/2012: **NodalSeismic, LLC, Signal Hill (Long Beach), California:**
Director of Geophysics. Managing and supervising geophysical field processing & quality control (QC) in seismic acquisition operations & project startups. Developed field processing methods for transitioning receiver domain seismic data from a fully cable free acquisition system (FairfieldNodal ZLand) into source domain, using GEDCO Vista software and Fairfield format field data.