



KATE FOSSATI

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EDUCATION

Texas A&M University at Galveston | B.S. Marine Transportation 2011 - GPA 3.9

| Elective Studies in Marine Administration and Marine Biology

| Achievements include Aggie Scholar, Kirby Inland Marine Scholarship, and Women's Maritime Scholarship

| Areas of Interest include Dynamic Positioning, Electronic Navigation, and Safety of Shipboard Operations

LICENSES & DOCUMENTATION

- USCG Chief Mate Unlimited License
- Nautical Institute DP Operator Unlimited Certificate
- MODU Barge Supervisor
- Vessel Security Officer
- Tankerman PIC (DL)
- GMDSS License
- STCW '95
- Lifeboat Certified
- RADAR / ARPA Certification
- TWIC
- U.S. Passport
- Marine Firefighting (Basic & Advanced)
- IADC Well Control Certificate
- Medical Person in Charge
- Marshall Islands/Panamanian License

PROFESSIONAL EXPERIENCE

Assistant Professor for Texas A&M University at Galveston | Fall 2016 - Present

- Instructor of Record onboard the T/S General Rudder. Developed lesson plans for the Summer Cruise onboard the training vessel. Instructed and taught over forty cadets in seven different topics, including terrestrial navigation, rules of the road, safety, radar, and seamanship.
- Teaching 3 Sections of MART 203 Seamanship 1 and 1 section of MART 404 Navigator. Responsibility for each section involves lesson plan development, student support, extracurricular involvement in beneficial opportunities for cadets and University.
- Involvement with the foundation of the DP program, which includes creating lesson plans, improving and founding relationships with industry supporters, and planning for a promising future.
- Established a relationship with Marine Training Services on assisting with marine related training videos.
- Organizing and supporting the use of the M/V Trident in fulfillment of sea days for cadets.
- Involvement in constructing and creating new facilities to benefit the education of cadets.

Dynamic Positioning Officer with Rowan | 2015 - August 2016

- Continuous monitoring and maintaining of the Kongsberg K-Pos, Acoustic Positioning Nautronix system, Vessel Management System K-Chief, Kongsberg Integrated Bridge systems, Seatex and Kongsberg position reference systems, GMDSS emergency radio equipment, Permit to Work System administration, dampers, Fire and Gas monitoring and extinguishing systems, ballast control, lifeboats, life rafts, and all vessel traffic.

- Ensuring seamless daily operations by communicating with the Drill Floor, Maintenance, Client and all third parties. Safety is a primary concern in all daily operations.
- Completed several different well projects and vessel annual trials. Experience with ABS, BSEE, and Coast guard requirements and audits.

Instructor for Texas A&M University at Galveston onboard the TS General Rudder | Summer 2015

- Created lesson plans for the Summer Cruise onboard the training vessel. Instructed and taught over fifty cadets in seven different topics, including terrestrial navigation, rules of the road, safety, radar, and seamanship.
- Medical person in charge during emergencies and drills.
- Participated in underway watches, filing documentation, and supervising cadet grades and curriculum.

Dynamic Positioning Officer with Seadrill| 2012 - 2015

- Continuous monitoring and maintaining of the Kongsberg K-Pos, Acoustic Positioning HiPAP system, Vessel Management System K-Chief, Kongsberg Integrated Bridge systems, Seatex and Kongsberg position reference systems, GMDSS emergency radio equipment, Permit to Work System administration, control and maintaining of personal gas/oxygen meters, Rig DODA/IADC reports, Reserve Mud Pit daily operations, helicopter operations, rig wide maintenance of all fire and water tight dampers, Fire and Gas monitoring and extinguishing systems, ballast control, lifeboats, life rafts, and all vessel traffic.
- Ensuring seamless daily operations by communicating with the Drill Floor, Maintenance, Client and all third parties. Highly knowledgeable in computer programs such as TMS, IFS, and Synergi. Safety is a primary concern in all daily operations.
- Engaged in daily operations with the contracting party, BP. Familiarized with BP policies, operations and safety requirements.

Third Mate with The Dutra Group | 2011 - 2012

- Third Mate on the hopper dredge, M/V Stuyvesant, stood a navigational watch and in charge of all navigational information, such as chart corrections and catalog updates.
- Operated the vessel while dredging and in close quarter situations, navigated through channels and transits, operated the dredge gear, and gained skills in ship handling.

Mate with Galveston Ship Services | 2010-2011

- Participated and supervised cargo loading and discharging, stood a navigational watch, acted as a safety officer.
- Participated in daily maintenance of vessel, filed and maintained legal documents.

POST-ACADEMIC PROFESSIONAL ADVANCEMENT

- Leadership and Managerial Skills
- HPR & HiPAP/ APOS LBL Acoustic Beacon Operator
- Vessel Security Officer, Company Security Officer & Port/Facility Security Officer
- DPS/DARPS Position Reference Systems Operator
- Well Control School
- Electronic Chart Display Information Systems (ECDIS)
- Basic Offshore Safety Induction and Emergency Training
- K-Chief 700 Course
- Stability and Ballast Control for MODU's