

KATHLEEN CHARTIER
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SKILLS

Effective Collaboration, Customer Oriented, Problem-solving, Critical Thinking, Organization, Time management, Project planning, Presentation, Communication, Self-motivation, Adaptability, Attention to Detail, Curious Nature, Quick Learner

TECHNICAL SKILLS

Tableau, SQL, Microsoft Excel, Python, Google Suite, Data Analysis, Data Visualization, Dashboards, Microsoft Office Suite, IBM Cognos, Jupyter Notebooks

CERTIFICATE

Data Analyst Professional Certificate, Coursera - January 2023

WORK EXPERIENCE

Educator Responsibilities and Skills

- Completed all expected professional duties and responsibilities
- Management of instructional timeline for multiple curriculums (course and academic level)
- Planning and creation of instructional materials and presentations to meet learning goals
- Deliver instruction in person and on-line in a manner that improves learning outcomes
- Monitor instruction and learning in classroom real time and adjust as needed to improve student success
- Continually reflect on instruction and materials to improve student learning
- Collect and analyze student assessments data
- Verbal and written communication with school personnel and parents to improve outcomes for students
- Collaboration with colleagues on curriculum and common assessments
- Manage student information using various technology tools (PowerSchool, Infinite Campus)
Proficient use of Microsoft Office Suite and Google Suite

Salem School District
Mathematics Educator
Salem High School, Grades 9-11, Geometry, Algebra 2

Salem, NH
Aug 2019-Jun 2022

Merrimack School District
Mathematics Educator
Merrimack Middle School, Grade 8, Pre-Algebra, Algebra 1

Merrimack, NH
Aug 2011-Jun 2019

Nashua School District
Mathematics Educator
Pennichuck Middle School, Grade 8, Pre-Algebra, Algebra 1

Nashua, NH
Sep 2010-Jun 2011

Engineering Responsibilities and Skills

- Problem solve during design process to meet design requirements
- Collaboration and communication with internal and external customers during design process
- Maintaining project timelines
- Presentation of designs and design evolution.
- Create design documentation according to company and manufacturing standards.
- Successful use of business systems and technology tools for design, testing, documentation, engineering changes and parts procurement

Brooks Automation, Inc.

Chelmsford, MA

Mechanical Engineer

Jan 2000-Feb 2009

Design, documentation and manufacturing support for automation systems and components for the semiconductor industry. Components ranging from small electrical and communication packages to large clean room equipment enclosures.

Northern Research and Engineering Corporation

Portsmouth, NH

Mechanical Design Engineer

Oct 1998-Jan 2000

Design, documentation and manufacturing support for systems and components for cogeneration gas microturbine using solid modeling design software.

International Equipment Company

Needham, MA

Accessories Engineer, Project Engineer

Feb 1995-Oct 1998

Manage centrifuge accessories product line. Developed process and procedure for handling custom accessory requests from customers. Design, documentation and manufacturing support for new centrifuges using 3-D CAD software and internal business systems.

General Electric Company

Fitchburg, MA

Aftermarket Engineer, Navy Product Engineer

Jun 1989-Feb 1995

Calculate upgrade potential for commercial steam turbines using propriety software. Design of support structures and thermodynamic design of turbine steam path for Naval propulsion turbines and turbine generators.

EDUCATION

NHTI

Concord, NH

Teacher Education Conversion Program, Mathematics

Upper Level Certification

Jan 2019-May 2019

Middle School Certification

Sep 2007-May 2010

University of New Hampshire

Nashua, NH

Master of Science in Mechanical Engineering, Cum Laude

Sep 1990- May 1994

Northeastern University

Boston, MA

Bachelor of Science in Mechanical Engineering, Cum Laude

Sep 1984-Jun 1989