

LINGUO REN

[Professional Portfolio](#) • [LinkedIn](#) • [GitHub](#) • lren@bowdoin.edu • (207)-632-2437

EDUCATION

Bowdoin College , Brunswick, ME	Expected May 2025
B.A. in Computer Science and Mathematics, Minor in Education, GPA: 3.7/4.0	
<i>Coursework:</i> Advanced Data Science, AI Ethics, Cognitive Architecture, Financial Machine Learning, Mathematical Reasoning, Japanese Politics and Society, United States-China Relations, Power and Progress in Higher Education, Jazz Combos, Photography	
<i>Grua/O'Connell Award (2023):</i> Undertook an 800-mile bikepacking journey along the East Coast Greenway, exploring the impact of social privilege on greenway usage by connecting with local cyclists for overnight stays and interviews; featured in <i>The Quoddy Tides</i>	
IBM Data Science Specialization Certificate (10 Course Series) , Coursera	June 2023
<i>Coursework:</i> Databases and SQL for Data Science with Python, Data Visualization with Python, Data Science Methodology	

WORK EXPERIENCE

Pinestone Asset , Shanghai, China	July 2024 – August 2024
<i>Quantitative Researcher</i>	
<ul style="list-style-type: none">Aggregated 20 years of minute-level CSI 300 and SSE 50 data and standardized data formats using NumPy and PandasIdentified missing data and anomalies using statistical summaries and visualizations created with Seaborn and MatplotlibConducted exploratory analysis on a volume-based trading strategy, uncovering its lack of profitabilityPublished a polished dataset and detailed analytical report in the internal research database to support trader decision-making	
Sealand Securities , Shanghai, China	June 2023 – August 2023
<i>Data Analyst</i>	
<ul style="list-style-type: none">Extracted and preprocessed stock data from data vendors using SQL, DBeaver, and Pandas to fulfill analyst requestsOrganized datasets and streamlined workflows, enabling analysts to concentrate on modeling and strategic decision-making	
Academic Technology & Consulting , Bowdoin College, Brunswick, Maine	May 2022 – September 2022
<i>Canvas Migration Project Assistant</i>	
<ul style="list-style-type: none">Reviewed the accuracy and accessibility of 1,500+ courses on a new campus-wide Learning Management System (LMS)Identified and resolved accessibility issues by implementing alt text, subtitles, and OCR-compliant PDFs to meet the college's accessibility standards, improving content accessibility and inclusivity for 2,000+ users	

LEADERSHIP AND ACTIVITIES

Crew Team , Bowdoin College, Brunswick, Maine	August 2021 – Present
<i>Rower</i>	
<ul style="list-style-type: none">Compete in state and national rowing championships, balancing rigorous academics with 20 hours of weekly trainingCoordinate intramural hockey teams, group rides, dinners, and other group bonding activities to enhance team cohesion	
Residential Life , Bowdoin College, Brunswick, Maine	May 2023 – Present
<i>Residential Advisor</i>	
<ul style="list-style-type: none">Facilitate reflective conversations and weekly dinners on social justice, violence prevention, and mental well-being, fostering an inclusive environment that empowers 16 first years to grow personally and engage actively in the communityMediate conflicts between residents by promoting active listening, open communication, and collaborative resolutionsConduct interviews with professional staff to select qualified candidates for College House and Residential Life positionsRepresent student perspectives in focus groups, offering input to administrators on hiring decisions and strategic planning	
Residential Life , Bowdoin College, Brunswick, Maine	August 2022 – June 2023
<i>College House Programming & Cohesion Committee Chair</i>	
<ul style="list-style-type: none">Managed a \$6,000 budget to implement inclusive programs such as a Friendsgiving dinner for students unable to travel home, a Halloween "Haunted House" event for children in Brunswick area, and a Tea & Stitch session during reading periodCollected feedback from sophomores to develop career, wellness, and entertainment initiatives in collaboration with Residential Life, student government, and deans, hosting events like a spikeball tournament and gala to build class identity	
McKeen Center for the Common Good , Bowdoin College, Brunswick, Maine	August 2022 – September 2022
<i>Community Immersion Orientation Trip Leader</i>	
<ul style="list-style-type: none">Co-led a 5-day community service trip for 12 incoming first-year at local food banks, soup kitchens, and community centersSupported participants in managing homesickness while introducing them to the culture, resources, and community of Maine and Bowdoin, setting expectations for their college transition through engaging activities and reflective conversations	

SKILLS

Technical Skills: Microsoft Suite (Excel, PowerPoint, Words), Python (Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, NLTK, PyTorch), R (RStudio, Tidyverse, ggplot2), SQL, Stata, Java, C, HTML, CSS, JavaScript, React, Git, LaTeX, Notion, Final Cut Pro
Languages: Chinese (Native), English (Bilingual Proficiency), Spanish (Intermediate)