

LINGUO REN

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EDUCATION

Bowdoin College, Brunswick, ME

Expected May 2025

B.A. in Computer Science and Mathematics, Minor in Education, GPA: 3.7/4.0

Coursework: Financial Machine Learning, Advanced Data Science, Probability, Mathematical Reasoning, Linear Algebra, Deep Learning & Computer Vision, AI Ethics, Cognitive Architecture, Human-Computer Interaction, Jazz Combos, Photography

Grua/O'Connell Award (2023): 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 *The Quoddy Tides*

IBM Data Science Specialization Certificate (10 Course Series), Coursera

June 2023

Coursework: 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

Quantitative Researcher

- Aggregated 20 years of minute-level CSI 300 and SSE 50 data via API, standardizing formats with NumPy and Pandas
- Identified missing data and anomalies using statistical summaries and visualizations created with Seaborn and Matplotlib
- Documented data issues, implemented cleaning solutions after consulting with a supervisor, and ensured data integrity
- Curated and structured the dataset and documentation in the company repository to support senior analysts' research
- Enabled one team to uncover the lack of profitability in a trading volume strategy, saving time and resources

Sealand Securities, Shanghai, China

June 2023 – August 2023

Data Analyst

- Extracted and preprocessed stock data from data vendors using SQL, DBeaver, and Pandas to fulfill analyst requests
- Organized 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

Canvas Migration Project Assistant

- Reviewed the accuracy and accessibility of 1500 courses on a new campus-wide Learning Management System (LMS)
- Leveraged Blackboard Ally in identifying and resolving accessibility issues by implementing alt text, subtitles, and OCR-compliant PDFs to meet the college's accessibility standards, improving content accessibility and inclusivity for 2000 users

LEADERSHIP AND ACTIVITIES

Crew Team, Bowdoin College, Brunswick, Maine

August 2021 – Present

Rower

- Compete in state and national rowing championships, balancing rigorous academics with 20 hours of weekly training
- Coordinate intramural hockey teams, group rides, dinners, and other group bonding activities to enhance team cohesion

Residential Life, Bowdoin College, Brunswick, Maine

May 2023 – Present

Residential Advisor

- 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 community
- Mediate conflicts between residents by promoting active listening, open communication, and collaborative resolutions
- Conduct interviews with professional staff to select qualified candidates for College House and Residential Life positions
- Represent 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

College House Programming & Cohesion Committee Chair

- 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 period
- Collected 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

Community Immersion Orientation Trip Leader

- Co-led a 5-day community service trip for 12 incoming first-year at local food banks, soup kitchens, and community centers
- Supported 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)