

# Alexandre Xu

10660 Wilshire Blvd, Los Angeles, CA 90024 | (510) 735-1576 | alexxu@bu.edu | linkedin.com/in/alex29

## Skills and Credentials

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Programming: MATLAB, R, C++, Python

Mathematics: Stochastic Calculus, Computational Methods, Probability & Statistics

Certification: Bloomberg Market Concepts

## Education

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Boston University, Questrom School of Business

Boston, MA

**M.S. Mathematical Finance & Financial Technology**

Expected January 2022

- Coursework: Statistics, Programming (R, Python, C++), Stochastic Methods of Asset Pricing

University of Michigan

Ann Arbor, MI

**B.S. Mathematics of Finance and Risk Management**

May 2019

- Coursework: Data Mining, Differential Equations, Multivariable Calculus, Probability & Statistics, Ordinary Differential Equations, Linear Algebra

## Experience

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Infoxe Corp

Los Angeles, CA

**Financial Analyst**

December 2019 - June 2020

- Analyzed stock price data of 20 large companies, calculated variances and expected returns
- Managed clients' portfolios and met them regularly to provide investment advice
- Collaborated with management team in preparing quarterly earnings guidance, revenue estimates and projected earnings

Essence Securities Group

Shanghai, China

**Securities Sales Assistant**

June 2018 - August 2018

- Analyzed stock performance under different scenarios and identified strategies to minimize variances

## Projects

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University of Michigan

Ann Arbor, MI

**Wine Quality Prediction Research**

February 2019 - April 2019

- Analyzed data on chemical properties of a red wine by applying machine learning and data mining (R)
- Predicted quality score (0-10) a consumer would rate for a typical wine, given its chemical properties (such as residual sugar, pH level, alcohol percentage)

## Additional Information

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**Languages:** Mandarin (native), English (proficient), Japanese (fluent), French (elementary)

**Interests:** programming (developed virtual board game similar to Connect-4 using C++), travelling (30 countries), cooking, board games, scuba diving

**Volunteering:** Cooked meals and taught computer languages to support homeless and disabled people as part of Building Opportunities for Self Sufficiency (NGO) at Oakland, CA