**Adam Macbale**

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**EDUCATION**

**Portland State University** **Portland, OR**

MS Statistics Sep 2016 – Jun 2019

* Courses in mathematical statistics covering distributions, asymptotic theory, parameter estimation, sufficient statistics, probability
* Studied applied linear regression / design and analysis of experiments covering hypothesis testing, confidence intervals, linear models, randomized block designs, Latin square designs, mixture models
* Courses in statistical / machine learning material covering introductory ML algorithms in detail with implementation in R
* Various other courses covering topics in applied probability, sampling theory, Bayesian statistics using WinBUGS software, survival analysis, and quantile regression
* Led a small team of student consultants on the task of analyzing noisy image data of crystals to prescribe joint probability distributions over classes of symmetry groups

BS Mathematics Sep 2012 – Jun 2016

* Minor in physics
* Minor in economics

**WORK EXPERIENCE**

**BTIG, LLC. New York, NY**

Intern Sep – Oct 2019

* Shadowed the Head of Global Portfolio and ETF Trading. Discussed index arbitrage, ETF creation & redemption and algorithmic strategy concepts
* Worked with Managing Directors of the Quantitative Strategies Group discussing the technical framework of the firm’s electronic offering

**Silver Dollar Pizza Co.** **Portland, OR** General Manager 2016 – present

* Managing business and customer relationships
* Handling all legal and accounting business, payroll, employees, staffing and scheduling, inventory, and events

Bar Manager 2012 - 2016

* Consistently worked in high volume, high stress environments with coworkers
* Ensured smooth business and satisfied customers
* Managed employees and prioritized the interests of the business in all situations

Kitchen Manager 2009 - 2012

* Managed employees and Oregon health codes
* Perfected time management skills

**RELEVANT SKILLS**

* SQL, R, Python, Statistics and Mathematics

References available upon request