

Nathan Hattersley

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SUMMARY

Degrees in Statistics and Computer Science serve as an analytical underpinning, and experience in nonprofit finance has fueled a desire to excel in business through sound, principled decision-making. Travel in Latin America has provided Spanish fluency. Avid student of history and economics.

COURSEWORK

Math & Statistics:

- Bayesian Methods
- Statistical Consulting
- Statistical Computing
- Stochastic Processes
- Econometrics
- Real Analysis
- Differential Equations
- Nonlinear Optimization
- Linear Algebra
- Regression Analysis
- Design of Experiments

Computer Science:

- Object-Oriented Design
- Discrete Structures
- Organization
- Systems Programming
- Databases
- Networking
- Web Design

EXTRACURRICULAR

- Four year All-Region Band
- All-State Band, 2013
- Four years varsity baseball
- Baseball captain, 2013
- All-district baseball, 2012–13
- University of Arizona Wind Symphony, 2014–2016

EDUCATION

Liberal Arts and Science Academy, 2009–13

- National Merit Scholar
 - Spanish Honor Society, 2012–2013
 - AP Scholar with Honor
 - SAT 2290, ACT 35
- Scored 5/5 on all APs taken: Macro Economics, Micro Economics, Computer Science, Calculus BC, Spanish, English, Government

University of Arizona, 2013–2018

- Degrees: BA, Computer Science; BA, Mathematics; MS, Statistics
- Minors: Spanish, Italian

Undergraduate GPA: 3.65/4.00

Graduate GPA: 3.80/4.00

- Computer Science: 3.62
- Mathematics: 3.59

TECHNICAL SKILLS

Computer Languages: R • SAS • Python • SQL • Java • C • Javascript • VBA

Statistics: Regression • Power/Sample Size • Bayesian Methods • Monte Carlo Methods
• Mixed Models • Decision Theory

Applications: Microsoft Office, Adobe Creative Suite, QuickBooks

PROFESSIONAL EXPERIENCE

JPMorgan Chase, 06/2018–present: Application Developer working in Rates Back Office on an integrated solution to support FO and MO in the entirety of the trade lifecycle. Part of an interdisciplinary and intercontinental team that leverages product knowledge to iterate quickly and effectively on new tooling.

AMIGOS, 09/2016–09/2018: Served two years as treasurer and officer on the Board of Directors of Amigos de las Americas Tucson chapter. Responsible for all budgeting and spending decisions in an organization that saw \$150,000 in yearly revenue, primarily composed of tax-deductible donations with a median under \$100. Utilized QuickBooks and complex Excel spreadsheets to categorize income and prepare financial statements. Responsible for honoring the organization's mission to provide life-changing experiences to high school students at minimal cost, while at the same time setting a tone of integrity and conservative spending.

AMIGOS, 2012–present: Volunteer in 2012 in Cotopaxi, Ecuador, for Amigos de las Americas. Returned in 2014 to Cajamarca, Peru, as Project Supervisor. Managed the organization's presence in Peru, directly responsible for the well-being of nine students who were supervised with weekly visits. Helped implement community development projects while consulting with local nonprofit agencies to accommodate volunteers and advance sustainable development plans. Since leaving Tucson in 2018, have served in an at-large position on the board of the Houston chapter of AMIGOS.