

Mid-program internship in analytics for financial risk advisory

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October 5th
What's Next?

- ❖ About Me
- ❖ Getting an Internship
- ❖ Internship Experience
- ❖ Beyond

About Me

- ❖ 6th year (2015 cohort)
- ❖ Central Connecticut State University
 - BS Physics & Math
 - 1/2 MA in Teaching
- ❖ Quickly realized I wanted a career in industry
- ❖ Summer Positions:
 - Probability REU/G w/ Dr. O'Rourke
 - CS Summer Research w/ Dr. Frongillo
 - Post comp research w/ Dr. Kuznetsov
 - Internship at Chatham Financial
 - Summer research w/ Dr. Kuznetsov



Getting an Internship

- ❖ Endless resources: Handshake, LinkedIn, CU Career Services, Career Fairs
- ❖ Timeline:
 - 2017: Fail to get an internship, get lucky w/ comp sci research
 - 2018: Fail to get an internship, post comp research
 - 2019: Internship at Chatham
- ❖ 2019 strategies:
 - 15-20 applications
 - Resources + LISA + completed MS in Applied Mathematics
 - If I did it over: leverage local contacts in Boulder & personal consult w/ Career Services
- ❖ Chatham: application mid October, initial interview mid November, no contact until January, second interview & offer before February

Internship Experience at Chatham

- ❖ Chatham Financial: financial risk advisory and tech firm
- ❖ Knowledge I brought: probability, stochastic analysis, statistics, and TSA
- ❖ Things I learned: finance, coding (Python, SQL)
- ❖ Internship May-August
- ❖ Returned for employment September-May

Beyond

- ❖ Having had an internship(+) gives me more confidence entering the job market.
- ❖ Your internship does not have to be in your dream industry, but the team attitude is important.
- ❖ If you are interested: Math is a desired skill in finance, but there's some terminology and subject matter knowledge to acquire in addition to some helpful math (MATH 6534 Intro to Probability, MATH 6550 Stochastic Processes, APPM 5530 Stochastic Analysis for Finance)



Ask me questions!