Gabriel **Kagan**

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Education

Undergraduate (University of Massachusetts-Amherst) *Amherst, MA*

B.S. Mathematics, B.A. Economics *Sep. 2015 - Exp. May. 2019*

- Deans List Spring 18'
- Theta Chi Fraternity
- Relevant courses: Multi-variable Calculus, Linear Algebra, Differential Equations, Statistics, Number Theory, Intro to Finance

Work Experience

Avidia Bank *Hudson, MA*

Payment Risk Intern *May. 2018 - Sep. 2018*

- Designing, enhancing, and implementing payments policies and procedures.
- Monitoring transactions, minimizing AML (anti money laundering), Payment Network, and regulatory risk of merchant portfolios.
- Underwriting, performing reviews, and assisting executive management with audit inquiries of clients.
- Synthesizing complex qualitative and quantitative data to generate sound credit decisions.

State Street Corporation, GTP *Hadley, MA*

Global Transactions Processing Analyst *Jun. 2017 - PRESENT*

- Responsible for processing and authorizing multi-million dollar securities transactions.
- Well versed in international/domestic equities, fixed-income securities, asset-backed securities, complex derivatives, and cash instruments.
- Mitigate risk and ensure clear audit trails, in a timely, effective, and efficient manner.

Nova Interiors *Danvers, MA*

Web Developer *May. 2016 - Sep. 2016*

- Assisted with all aspects of design for company e-commerce interface.
- Simplified process of uploading bulk products to website by creating widgets in HTML.
- Analyzed traffic data to target specific demographics and potential leads through Google feeds.
- Managed website content and completed digital editing for products.

Green Tea Restaurant *Peabody, MA*

Manager *Jun. 2014 - Jan. 2018*

- Oversaw complete operations including, staffing, training, and customer service.
- Assisted bartenders during peak hours to ensure efficient and timely delivery of products.
- In charge of staff management including, recruiting, hiring, training and scheduling.

Stay Well Adult Health Center *Salem, MA*

Program Assistant *May. 2013 - Sep. 2014*

- Assisted with planning, coordination, and implementation of varying activities for elderly clients.
- Organized and ran activities such as technology classes, entertainment events, and exercise periods.

Extracurricular Activity

HackUmass *Amherst, MA*

Engineer *Nov. 2015 - PRESENT*

- Work in a collaborative environment to create a software project in the span of 37 hours.
- Use Raspberry Pis, circuit components, and Arduinos to create software applications.

TC2000

Trader *May. 2015 - PRESENT*

- Analyze and track fluctuations of a variety of markets and stocks.
- Created a Markov Chain to predict transitional states of securities.

Amherst Survival Center *Amherst, MA*

Volunteer *Sep. 2015 - PRESENT*

- Assist staff in organization of food supplies and hygienic items that are distributed to clients.
- Aid the collection of excess food from local dining institutions.

Skills

Computer Skills	Java, Python, MATLAB, HTML, LaTeX, Solidworks, PTC Creo, Onshape, 3D Printing, Altium Designer, MS Office - Word, Excel, Powerpoint
Language Skills:	Russian - Bilingual Hebrew - Proficient