# ERIK PAUTSCH

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## EDUCATION

**Loyola University Chicago**, Chicago, IL
*Master of Science in Computer Science, Graduation Expected in May 2023*
      Concentration: Artificial Intelligence
*Bachelor of Business Administration, 2021*
      Concentration: Information Systems

## WORK EXPERIENCE

**VIPKid**, Chicago, IL        **Sep. 2019 – Present**
Online English Teacher
- Taught over 5,500 one-on-one English classes to over 870 foreign students in foundational English language skills, adapting lessons according to each student's interests and abilities

**Axiom Labs LLC**, Chicago, IL        **Sep. 2018 – Sep. 2019**
Cofounder
- Organized a team of four partners to design an operational workflow to manufacture precious metal jewelry
- Established relationships with domestic and overseas vendors that led to the procurement of over $75,000 of machinery and other assets
- Created a Django-based web application for the company to enable online transactions using Stripe for payment processing

**Kovitz Investment Group**, Chicago, IL        **Nov. 2017 – Sep. 2018**
Wealth Management Intern
- Designed and implemented a Microsoft Excel Visual Basics for Applications (VBA) program for automating the monthly reporting of collateralized mortgage obligations and closed-end funds
- Automated the creation of invoices for clients of multiple real estate investment trusts using VBA

**United States Navy**, Sasebo, Japan        **May 2012 – May 2016**
Leading Petty Officer (Senior Enlisted Member)
- Oversaw the training of 16 subordinate personnel across 5 different commands in stress management and suicide prevention
- Coordinated community outreach programs for over 3,300 Sailors and Marines with foreign nationals in China, Japan, South Korea, Australia, Indonesia, and Malaysia

## ACTIVITIES AND INTERESTS

Graduate Student Advisory Council (GSAC)        **Aug. 2021 – Present**
- Voting member representing the Computer Science Department. Responsible for communicating the thoughts and concerns of the graduate student body to the university's administration

Rambler Investment Fund Quant Team        **Sep. 2021 – Present**
- Member of a team focused on developing a Slack bot to automate financial reports to be used by team analysts

## HONORS AND AWARDS

**The Navy and Marine Corps Achievement Medal**
Received for superior performance in the fulfillment of military duties on the USS Bonhomme Richard

Dean's List, Loyola Military and Veteran Student Award for Academic Achievement

## SKILLS

Areas of Knowledge: Object-Oriented Programming, Data Structures, Algorithms, Relational Databases
Programming Languages and Frameworks: Java, Python, Django, HTML, CSS, VBA, Docker, SQL