

# LUKE JIANU

+1 (425) 229-1106 ◇ [jianuluke@gmail.com](mailto:jianuluke@gmail.com)  
[github.com/lukejianu](https://github.com/lukejianu) ◇ [linkedin.com/in/lukejianu](https://linkedin.com/in/lukejianu)

## EDUCATION

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<b>Northeastern University</b>	Sept. 2021 - May 2025
B.S. in Computer Science, 4.00/4.00 GPA	<i>Boston, MA</i>
<i>Relevant Coursework</i>	Object-Oriented Design, Algorithms & Data, Fundamentals of CS I & II Database Design, Foundations of Data Science, Foundations of Cybersecurity Logic & Computation, Discrete Mathematics, Mathematics of Data Models

## EXPERIENCE

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<b>Belvedere Trading</b>	Jun. 2023 - Aug. 2023
<i>Incoming Software Engineer Intern</i>	<i>Chicago, IL</i>
<b>Amazon Robotics</b>	Jan. 2023 - Jun. 2023
<i>Incoming Software Development Engineer Co-Op</i>	<i>North Reading, MA</i>
<b>S3Global</b>	May 2022 - Aug. 2022
<i>Software Development Intern</i>	<i>Redmond, WA</i>
<ul style="list-style-type: none"><li>· Designed and implemented a .NET application for interfacing with <b>12+</b> high-speed cameras.</li><li>· Communicated directly with a team of developers to discuss integration of the camera's C++ SDK.</li><li>· Engineered systems for video streaming using shared frame buffers between the C# and C++ programs.</li></ul>	
<b>Seattle Sport Sciences</b>	May 2021 - Aug. 2021
<i>Intern</i>	<i>Redmond, WA</i>
<ul style="list-style-type: none"><li>· Conducted data trials for cloud-based analysis of <b>30+</b> soccer matches using AI/ML technology.</li><li>· Improved setup time by <b>50%</b> by optimizing camera calibration and facilitating cross-team collaboration.</li><li>· Maintained and troubleshooted camera hardware, network connections, and deployment tools.</li></ul>	
<b>PFTP (Policy for the People)</b>	Jul. 2020 - Nov. 2020
<i>Chief Operating Officer</i>	<i>Cambridge, MA (remote)</i>
<ul style="list-style-type: none"><li>· Directed the planning of a policy hackathon with <b>1000+</b> applicants and <b>400+</b> participants.</li><li>· Garnered support from the AMACAD, the WHO, and numerous other MIT/Harvard organizations.</li><li>· Led a team of interns to create a mentor network of <b>45+</b> professors and researchers in policy.</li></ul>	

## PROJECTS

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<b>Trading Engine</b>	Nov. 2022 - Present
<i>Software Engineer @ Northeastern Trading Systems</i>	
<ul style="list-style-type: none"><li>· Building onto QuantConnect's LEAN Open-Source Algorithmic Trading Engine to support multiple-strategy execution and performance monitoring.</li></ul>	
<b>NU Carpool</b>	Sept. 2022 - Present
<i>Software Developer @ Sandbox</i>	
<ul style="list-style-type: none"><li>· Developing a web-app using the T3 stack for Northeastern students to find co-op carpool groups.</li></ul>	

## TECHNICAL SKILLS

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<b>Languages</b>	Python, Java, JavaScript, C++, Racket, SQL
<b>Technologies</b>	Git, Docker, React, Prisma, Flask, pandas, scikit-learn, Figma