

## EDUCATION

<b>Rutgers University</b> <i>Bachelors in Computer Science</i>	New Brunswick, NJ Aug. 2024 – May. 2028
<b>Activities and societies:</b> accepted into RUMAD and Blueprint, writer/member @ USACS, 4x hackathons, 2x winner, fraternity recruitment director.	

## EXPERIENCE

<b>Centren Health</b> <i>Medical Software Engineer</i>	Nov 2025 - Present NYC
Designing systems for digital twins, clinical transformers pk/pd modelling.	
<b>Mesh(joinmesh.today)</b> <i>Co-founder</i>	May 2025 - Oct 2025
Led development team. Beta reached 600 users. Wound down after testing pmf, and pivoted focus.	
<b>Goldman Sachs</b> <i>Possibilities Summit</i>	Jan 2025 - Jun 2025
15% acceptance rate out of 8000 applicants. Did the engineering tracks. Program for Freshmen.	
<b>Stem In Place</b> <i>President</i>	Aug 2021 - Aug 2024
Started as summer instructor, but grew 501(c)(3) from 600 to 1500 signups with 20 to 40 instructors.	
<b>HillsHacks</b> <i>Co President</i>	Sep 2020 - Feb 2024
Annual hackathon with >120 attendants. My highschools flagship event.	
<b>Populus</b> <i>Software Engineer</i>	Jul 2023 - Sep 2023 Austin, TX
UI/UX, Deployment. 4.5k users on fantasy NBA stock app.	
<b>JPMorgan Chase &amp; Co.</b> <i>Student Software Engineering Intern Program</i>	Jul 2023 - Aug 2023 Jersey City, NJ
Learned how to optimize big data operations. High school program.	

## SHOWCASED PROJECTS

- Osler:** AI assistant for hospitalists that centralizes guidelines, staffing, supplies, and KPIs behind a conversational RAG interface using Google Gemini.
- Aura:** Enterprise AI analytics copilot for retail leaders with conversational access to Snowflake data, automated reporting, and predictive inventory and sales forecasts.
- Robot Deformables:** A complete implementation of a robotic handover system using imitation learning and reinforcement learning, featuring multi-modal sensor fusion (vision, proprioception, audio) and deformable object manipulation.
- Vault:** Secure full-stack workspace for teams with an encrypted message board, role-based file sharing, and task management for auditable collaboration.

## TECHNICAL SKILLS

- Languages:** Python, JavaScript, React, HTML, PHP, SQL, Java, Bash, Swift, Latex, C++, TypeScript, R, Go, Rust
- Developer Tools:** AWS, Node.js, Conda, Framer, Figma, JQuery, XAMPP, OpenCV, MondoDB, MYSQL, Firebase, VIM, Raspberry Pi, Arduino, GIT, CocoaPods, Scikit, Numpy, Pandas, Kaggle, Google Cloud, Bootstrap, Docker, Jira, NPM, Linux, Matplotlib, Kubernetes, Terraform, PostgreSQL, TensorFlow, PyTorch