

GENNA LIPKIN

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EDUCATION	Brooklyn College <i>Candidate for B.A. in Mathematics & Computer Science</i>	2016 – Present GPA: 3.9
SKILLS	<i>Proficient in C++, SQL, HTML, CSS, React, Flutter</i> <i>Experienced in Java, Spring Boot, Private Cloud Services</i>	
RELEVANT COURSES	Advanced C++, Data Structures, Database Systems, Design & Implementation of Software, Principles of Robotics, Numerical Analysis, Linear Algebra, Applied Multivariate Calculus, Abstract Algebra, Sociolinguistics	
RELEVANT EXPERIENCE	JPMorgan Chase , New York, NY <i>Software Engineering Intern</i>	Summer 2019
	<ul style="list-style-type: none">• Full-stack development of self-service UI to allocate dev environments using React, Java, and Spring Boot framework• Reduced wait times for environment allocation by an estimated 90%• Created front-end wireframes in AdobeXD for internal engineering teams• Integrated application with firm's internal SSO authentication• Deployed application on JPMC's internal cloud platform• Demoed prototype to Managing & Executive Directors• Audited & presented to Executive Director and development team on platform security (SQL & XML injections, whitelisting, buffer overloading)	
	JPMorgan Chase , Jersey City, NJ <i>Summer Technology Analyst (Intern)</i>	Summer 2018
	<ul style="list-style-type: none">• Developed fully ADA compliant internal web application using Angular, Java, and Spring Boot framework• Demoed final deliverables to CIO of Corporate Technology• Created micro-services that connect to H2 database using Hibernate framework• Managed development work using Scrum and tracked progress with Jira	
	National Museum of Mathematics , New York, NY <i>Summer Intern</i>	Summer 2016
	<ul style="list-style-type: none">• Coordinated with CEO and museum director to plan new events and guest lectures• Managed content creation for museum's official website using HTML and CSS	
OTHER PROJECTS	Causmic <i>Founder</i>	Ongoing
	Created a nationwide program to pair nonprofits in need of technical help with teams of computer science students <ul style="list-style-type: none">• Y Combinator Startup School 2019 graduate• Consult directly with nonprofits to develop sustainable, scalable technical solutions	
AWARDS	2019 Carl B. Boyer Memorial Award in the History of Mathematics, 2016 CUNY Math Contest Finalist	