Lynn Jegal

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EDUCATION

University of Michigan, Ann Arbor, MI — Expected to Graduate in 2025

- College of Engineering, Anticipated Major of Computer Science, 2nd year student
- GPA: 4.000
- Relevant Coursework: EECS 203 (Discrete Mathematics), EECS 280 (Programming and Intro Data Structures), EECS 281 (Data Structures and Algorithms), STATS 250 (Introduction to Statistics & Data Analysis), MATH 215 (Calculus III), MATH 216 (Linear Algebra)

Bergen County Academies, Hackensack, NJ — Graduated in 2021

- Academy for the Advancement of Science and Technology
- **SAT I**: 790 (Verbal) / 800 (Math) • **SAT II**: 800 (Math Level IIC), 800 (Chemistry), 790 (Biology E)
- Relevant Coursework: AP Calculus BC+ (AP Score: 5), AP Computer Science (AP Score: 5), Data Structures, Artificial Intelligence, Machine Learning, Assembly Language, C Programming, Intro to Unity

EXPERIENCE

Multi-Disciplinary Program (MDP), *Student Researcher* — 2021-present

- Applying machine learning to analyze whole slide images of bladder cancer; collaborating with a team to create an engine capable of providing efficient and affordable analysis of cancer tissue images

Summer Stem Institute (SSI), *Student Researcher* — Summer 2020

- Studied how to design and conduct data science research; explored Python and Python libraries such as numpy and pandas; studied data engineering, machine learning, and data visualization

Samsung Hospital, Seoul, South Korea, *Intern* — Summer 2019

- Researched applications of machine learning in the field of medicine specifically in regards to electronic health records (EHR); read *Pattern Recognition and Machine Learning* by Christopher M. Bishop

AwesomeMath Summer Program, *Math Competition Student* — Summer 2019

- Took courses on topics in competition math such as Diophantine equations and homothety; collaborated with students across the country and the world on competition relays and proofs

HONORS AND AWARDS

- TEAMS (Tests of Engineering Aptitude, Mathematics, and Science), 2nd in Nation (2019)
- American Invitational Mathematics Examination (AIME) Qualification (2020)
- Girls Go CyberStart (Cybersecurity Competition), 1st in State, 13th in Nation (2019)
- Girls Go CyberStart (Cybersecurity Competition), 2nd in State, 12th in Nation (2020)
- CyberPatriot (Cybersecurity Competition), Gold Tier (2020)
- American Computer Science League (ACSL) Finals, Bronze Tier (2020)

Computer Skills

- Python, Java, C/C++, HTML/CSS/JavaScript, Excel, Unity, C#, MATLAB