

# MAY LI

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## EDUCATION

- 2020 **Northwestern University** **GPA: 3.90 /4.00** Evanston, IL  
Major: Computer Science, B.S., McCormick School of Engineering Transfer (~8% acceptance rate)  
Relevant Coursework: Object-Oriented Programming in C++, Agile Software Development in Javascript, Engineering Entrepreneurship, Design & Analysis of Algorithms, Computer Networking, Entrepreneurship for Web
- Vassar College** Poughkeepsie, NY  
Major: Computer Science | Minor: Mathematics - Bachelor of Arts (B.A.)  
Relevant Coursework: Data Structures & Algorithms in Java, Cognitive Modeling in R, Functional Programming in Scheme, Discrete Mathematics, Linear Algebra, Computer Organization in C & Assembly, Independent Study in Deep Learning
- 2017 **Horizons School of Technology** San Francisco, CA  
(~10% acceptance rate) Software engineering fellowship at 2-month project-based coding bootcamp for full-stack web & mobile development in Javascript, React, React Native, Express, MongoDB, Node.js, Redux, jQuery, Bootstrap, and HTML/CSS.

## EXPERIENCE

- Sept '19 **(Incoming) Software Engineering Intern** **Affirm** San Francisco, CA
- June '19 **(Incoming) Software Engineering Intern** **PayPal** Palo Alto, CA
- April '19 **(Incoming) Teaching Assistant** **EECS 214: Data Structures & Algorithms** Evanston, IL
- Dec '18 **Research Assistant** **Northwestern University: Dr. Jennie Rogers** Evanston, IL  
Present Working in team of PhDs to optimize medical databases w/ applied secure Multi-Party Computation (MPC) & garbled circuits  
• Researching MPC and building the query statistics component to analyze data for optimization using Java and SQL
- Jun '18 **Software Engineering Intern** **Bank of America** New York, NY  
Aug '18 Worked in team of interns to build chatbot, API integration layer, & webpage w/ 1.7billion data rows for execs to quickly get data  
• Deployed chatbot to Bank of America's FISC team. Built integration layer & personalized Narrative Science webpage using REST API, Microsoft Bot Framework, Python, Javascript, Flask, Jinja, Tableau JS API, HTML/CSS, Agile Development
- Aug '17 **Teaching Assistant** **CMPU 101: Problem Solving & Abstraction in Racket** Poughkeepsie, NY  
May '18 • Selected for 2 yrs to teach students CS fundamentals such as recursion, lists, functional programming, and command line

## LEADERSHIP

- Oct '18 **Team Lead** **Design & Innovate for Social Change (DISC) Club** Evanston, IL  
Feb '19 Led student team of 5 to develop a data management system and organizational tool for Chicago Furniture Bank nonprofit  
• Used machine learning, web dev, and design principles to build a value prediction program to prioritize CFB's furniture orders
- Aug '17 **Co-President** **VC++ Computer Science Club** Poughkeepsie, NY  
May '18 Increased club membership from 20 to record high of 60 & launched peer-to-peer interviewing program  
• Led weekly GB and EB meetings, organized MLH Local Hack Day and programming competition, & founded VassarHacks & co-designed website (<https://vassarhacks.vcplusplus.io/>), gained corporate sponsors IBM & Dialog

## FEATURED PROJECTS

- Jun '18 **Deep Learning Chatbot** [github.com/mayli10/deep-learning-chatbot](https://github.com/mayli10/deep-learning-chatbot)  
• A chatbot trained on 54.4 million Reddit comments using Neural Machine Translation, Python, TensorFlow GPU, and SQLite. Wrote a beginner's guide to this project based on programmer *sentdex*'s YouTube tutorial
- Dec '17 **Machine Learning ASD Diagnostic Tool** [github.com/mayli10/machine-learning-asd-diagnostic-tool](https://github.com/mayli10/machine-learning-asd-diagnostic-tool)  
• Built Naive Bayes Classifier to diagnose Autism Spectrum Disorder. Cleaned, processed, and analyzed medical dataset w/ R

## SKILLS

*Proficient in:* JavaScript, C++, Python, HTML/CSS, Sketch, Racket, Mandarin Chinese (fluent)  
*Familiar with:* React, React Native, Redux, Node.js, jQuery, Express, Flask, Jinja, Tableau, R, Java, LaTeX

## HONORS

N.U. McCormick School of Engineering Honors Recipient, Impact Labs Fellowship 2019 Recipient, Grace Hopper Conference 2018 Scholar, Bank of America Grace Hopper 2018 Scholarship, Rewriting the Code Fellow