MAY LI

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EDUCATION

Northwestern University GPA: 3.90 /4.00 Aug '20 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

Horizons School of Technology 2017 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 — Present **Research Assistant** **Northwestern University: Dr. Jennie Rogers** Evanston, IL
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 — Aug '18 **Software Engineering Intern** **Bank of America** New York, NY
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 FICC 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 — May '18 **Teaching Assistant** **CMPU 101: Problem Solving & Abstraction in Racket** Poughkeepsie, NY
- Selected for 2 yrs to teach students CS fundamentals such as recursion, lists, functional programming, and command line

LEADERSHIP

Oct '18 — Feb '19 **Team Lead** **Design & Innovate for Social Change (DISC) Club** Evanston, IL
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 — May '18 **Co-President** **VC++ Computer Science Club** Poughkeepsie, NY
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
- 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
- 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