

ANKITA CHOWDHRY

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EDUCATION

Northwestern University <i>Robert R. McCormick School of Engineering and Applied Science</i>	Evanston, IL <i>Expected June '19</i>
<ul style="list-style-type: none">• Bachelor of Science in Computer Science• Farley Entrepreneurship Certificate• GPA: 3.83/4.00• Relevant Coursework: Computer Systems, Design and Analysis of Algorithms, AI, ML, Engineering Entrepreneurship	
Singapore American School	Singapore, SG <i>June '15</i>
<ul style="list-style-type: none">• Executive Student Council Peer Support Dance Club NHS Project Why, India• Cumulative GPA: 4.20, ACT: 34, SAT: 2260	

EXPERIENCE

Facebook: <i>Technical Program Manager Intern on Ads Ranking Team</i>	June 2018 – Present
<ul style="list-style-type: none">• Led cross functionally to define, scope out and design a process to streamline model experimentation• Implemented new process with existing model types and drove user adoption for new ones, accelerating ad metric growth	
Facebook: <i>Software Engineer Intern on Feed Ads Quality team</i>	June – Sept 2017
<ul style="list-style-type: none">• Worked with backend team to improve quality of ads on users' feeds and reduce bounce rate by 6% using machine learning models• Implemented sparse neural network models to improve accuracy of ads delivered	
Northwestern University: <i>Teaching Assistant for EECS 330: Human Computer Interaction</i>	Jan – Mar 2018
<ul style="list-style-type: none">• Taught weekly studio sessions on HTML/CSS, Javascript, graphic design and usability principles for computer interfaces	
Goldman Sachs: <i>Engineering Essentials Program</i>	May 2017
<ul style="list-style-type: none">• One of 50 sophomores nationwide chosen to attend program to partake in technical workshops to build a stock viewing application using REST and React	
DataSpark Singtel: <i>Data Science Intern on Applied Analytics team</i>	July – Sept 2016
<ul style="list-style-type: none">• Researched and experimented on browser ETL data to distinguish between browser and app requests• Analyzed 1.5 billion entries of data with Pyspark and Spark jobs to increase accuracy of categorization by 2.1%	

PROJECTS

Assessments for Reflection: <i>Design, Technology, and Research course</i>	Sept – Dec 2017
<ul style="list-style-type: none">• Conducted independent research for Northwestern's Delta Lab to create a system for students to receive better feedback on assessments. During two week sprints, explored existing technologies, user experience, and prototyped new systems.	
Alexa Weather System	April – May 2017
<ul style="list-style-type: none">• Led a team to build an IoT system using the Arduino WeMos D1 Mini to transmit temperature/humidity sensor data to an Amazon S3 bucket used to power an Alexa app that tells you hyper localized weather information and advises on clothing to wear	
FastFix	Mar – June 2018
<ul style="list-style-type: none">• Led a team through process of building and pitching a company using lean business ideology. Developed and tested an MVP resulting in revenue and profit	
Planit	April – May 2017
<ul style="list-style-type: none">• Created a schedule making webapp integrated with Google Calendar API using Node.js	
Push'n'Twist and YoBee: <i>Design Thinking and Communication courses</i>	Jan – June 2016
<ul style="list-style-type: none">• Led a team of four through user testing, feedback, interviews, and the iterative design process to design and prototype two projects• Designed a new baby gate closure mechanism and refined an all natural remedy for scalp eczema to be used by infants• Clients included the Kids in Danger organization and Dr. Ruchi Gupta of the Feinberg school of Medicine's Institute for Public Health Public Health	

SKILLS

Technology: Python, C++, Java, Git, HTML/CSS, Javascript, SQL, React, MATLAB, Racket, Unix
Languages: Fluent in English. Proficient in Mandarin and Hindi

EXTRACURRICULAR ACTIVITIES

Women in Computing Executive Board: <i>Historian and Programming Chair</i>
<ul style="list-style-type: none">• Maintain organization of the WiC account and work with the exec board to plan events, including bringing students to the Grace Hopper Celebration in the fall. Planned and executed our first spring banquet with company representatives
EPIC: <i>Tech team for Northwestern's entrepreneurship club</i>
<ul style="list-style-type: none">• Develop apps and websites for entrepreneurs in Evanston and the Northwestern community. Maintain EPIC's server and website
Northwestern Bhangra: <i>President of competitive dance team</i>
Refresh Dance Crew: <i>Hip hop dance crew, perform two shows each year</i>
The Second City: <i>10-week theater improvisation course</i>