

## August Nagro

### Education

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Iowa State University (Graduating Dec 2019)	Senior in Computer Science. 3.7/4.0 GPA, 34 ACT.
Illinois Math and Science Academy (IMSA)	IMSA is a public magnet high school for Illinois students. <a href="https://www.imsa.edu/">https://www.imsa.edu/</a>

### Work Experience

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UnitedHealth Group	Interned with UHG's Big Data Platform as a Service (BDPaaS) group, designing metrics to track application performance for the organization's MarkLogic and Hadoop data stores.
Whittl (whittl.com)	Implemented a queue-based notification system for Whittl's mobile apps, and integrated the onsite database with CRM software. Developed an algorithm that efficiently matched, sorted, and synced the metadata of over 200,000 businesses.
Pancreatic Cancer Research at Northwestern University	Researched Transforming Growth Factor Beta (TGF $\beta$ )'s effect on epithelial-mesenchymal transition with Dr. Paul Grippo of NU.
Lake Forest Sailing	Taught beginner and advanced-level sailing classes at Lake Forest Yacht Club, focusing on Club 420 one-design sailboats.

### Additional Experience

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Iowa State Sailing Club (ISSC) President	Managed the ISSC's involvement in Intercollegiate Sailing Association (ICSA) regattas. Overhauled the ISSC's facilities and won the Big 12 Championship both in 2017 and '18.
NSLI Study Abroad	Awarded a scholarship from the U.S. State Department to study Mandarin at Jilin University, China for seven weeks.
CSAW National Finalist	Finished in the top 10 teams in New York University's CSAW Hacking Competition (csaw.isis.poly.edu).
Other Hacking Competitions	<ul style="list-style-type: none"><li>• 53<sup>rd</sup> in Carnegie Mellon's Pico CTF (picoctf.com)</li><li>• 32<sup>nd</sup> in SANS's Cyber Aces Forensics Competition</li></ul>
Writing Awards	Have won two expository writing awards. Essays at <a href="http://digitalcommons.imsa.edu/">http://digitalcommons.imsa.edu/</a>