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August Nagro

Interests

Software:	Scala, Java, C, SQL, Apache Spark, Cats/Scalaz, Selenium
Other:	Competitive sailing, distance running, Mandarin Chinese

Education

Iowa State University (present)	Computer Science undergrad. 3.9/4.0 GPA, 34 ACT.
Illinois Math and Science Academy (IMSA) (2012-2015)	IMSA is a public magnet high school that regularly ranks top ten in the nation for STEM. https://www.imsa.edu/

Selected Experience

UnitedHealth Group (2017-)	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) (2015)	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.
Student Computer Support (2013-2015)	Worked for IMSA's IT Department, resolving network issues and managing enterprise software. Recognized in 2014 and 2015 for exceptional service by program head Ralph Flickinger
Pancreatic Cancer Research at Northwestern University (2014)	Researched Transforming Growth Factor Beta (TFGß)'s effect on epithelial-mesenchymal transition with Dr. Paul Grippo of NU.

Awards

Writing Awards	Have won two expository writing awards. Essays at http://digitalcommons.imsa.edu/
CSAW National Finalist (2015)	Finished in the top 10 teams in New York University's CSAW Hacking Competition (csaw.isis.poly.edu). Competed in the finals against 9 teams from the US and Saudi Arabia.
Other Hacking Competitions (2013-2015)	53rd in Carnage Mellon's Pico CTF (picoctf.com) 32nd in SANS's Cyber Aces Forensics Competition
NSLI Study Abroad (2013)	Awarded a scholarship from the U.S. State Department to study Mandarin at Jilin University, China for seven weeks.