Ankur Sundara

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Summary: Student at UIUC majoring in Computer Science with a minor in Mathematics. Interested in challenging opportunities in software development.

Academics & Coursework:
- CS 125 - Intro to CS (proficiency exam taken), CS 173 - Discrete Structures, CS 126 - Software Design Principles
- By Summer 2017: CS 225 - Data Structures, CS 233 - System Architecture, CS 361 - Probability and Statistics for Computer Science, MATH 412 - Graph Theory
- ACT Composite Score of 36/36; SAT Math II - 800/800; SAT Physics - 790/800
- Rigorous high school coursework with several self-studied AP tests and college level classes
- Expected graduation: May 2018

Work Experience:
- Software Development Internship *(Seceon, Westford MA, Summer 2016 - 6 weeks)*
  - Worked on screens for a new multitenant UI panel that allows clients to monitor multiple servers at once. Wrote Cassandra database queries to fetch server statuses and wrote Express routes for the application.
  - Technologies used: AngularJS, Node.js + Express, Apache Cassandra
- Research Internship *(CCB @ Johns Hopkins, Summer 2015 - 6 weeks)*
  - Worked under Dr. Liliana Florea to develop a novel algorithm to detect alternative splicing events in plants' mRNA from the splice graph representation of a gene.
  - Technologies used: Java, Python, R

Awards & Achievements:
- Platinum division in USACO Algorithmic programming contests (highest division)
- 1st place with perfect score in ACSL (American Computer Science League) contests in the Intermediate 3 division for 2015
- Led my team to win 1st place (out of 30 teams) in HackExeter organized by Phillips Academy, Exeter on February 28th, 2015. Developed EyeSpy, a way to control computer cursor movement with eye movement
- Led my team and qualified as a top-10 finalist (out of >800 teams) for NYU's CSAW'15 High School (Digital) Forensics competition, winning a $28,000 scholarship to NYU
- High team placement in several national cybersecurity competitions, such as 1st place in TJCTF 2016, 2nd place in HSCTF 2016, 2nd place in TUCTF 2016, and 2nd place in PACTF 2016
- Winner of Hack-a-Palooza (2014 and 2015) organized by Dyn (an internet performance management company)
- Captain of the NH State ARML Math team
- AIME Qualifier for AMC12A and AMC12B in 2015, and AMC12A in 2016
- 2nd in state as a Junior, and 3rd in state as a Freshman & Sophomore in the NH SMASH math meets
- AP State Scholar for New Hampshire with 16 APs (2016), National AP Scholar (2016, 2015), AP Scholar with Distinction (2016, 2015, 2014)
- National Merit Finalist
- Won 2nd place in state for Astronomy, and 3rd place in state for Cell Biology in Science Olympiad

Skills (in order of familiarity):
- Languages: Java, Javascript, Python, Dart, R, Scala
- Web Backend: Express, Meteor, Flask, Play Framework, Django, PHP
- Databases: MySQL, MongoDB, Apache Cassandra, Redis
- Web Frontend: JQuery, Bootstrap, AngularJS, Materialize,
- App Development: Native Android, Ionic, Flutter