

# V A R S H A   S U B R A H M A N Y A M

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## EDUCATION

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**University of Illinois at Urbana-Champaign** [August 2016]

- Computer Science and Statistics, Bachelor of Science *Sophomore*

**University of Wisconsin-Madison** [August 2015 – May 2016]

- Computer Science

**University of Cambridge** [Summer 2016]

- Pembroke-King's Programme: an 8-week academic program

## RELEVANT COURSEWORK

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- **UIUC:** Systems Programming, Computer Architecture, Data Structures (C++), Discrete Structures, Statistical Analysis
- **UW-Madison:** Intro to Data Structures (Java), Introducing Computer Science to K-12, Topics in Multivariable Calculus, and Linear Algebra, Intro to Programming, Topics in Multivariable Calculus and Differential Equations

## WORK EXPERIENCE

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- **Moderator**, Purple Comet! Math Meet, AwesomeMath Summer Program [April 2016]
  - Moderated an online international competition for middle and high school students
- **Campaign Intern**, Stephanie Kifowit for State Representative of Illinois [June 2014 – Nov 2014]
  - Involved calling/e-mailing potential voters and door-to-door canvassing

## SKILLS

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- **Programming Languages:** Java (Proficient), C++ (Proficient), C (Proficient), Python (Basic), HTML/CSS (Basic)
- **Tools:** Eclipse, Sublime, Vim, Subversion, Git, Valgrind, AddressSanitizer

## PROGRAMMING PROJECTS

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- Created a Python implementation of a simple social network for a hypothetical gaming site. The implementation supports network update and querying.
- Created a console-based simulation of WhatsApp in Java. The simulation supports one-to-one messaging and broadcasts, and maintains contact lists.
- Created a Java implementation of a course registration system. The implementation parses text files with information about students and the classes they wish to take, and then assembles course rosters.

## ACTIVITIES

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- Women in Computer Science (UIUC), *2016-2017*
  - Tech Team, Lean-in Circles
- HackIllinois Staff (UIUC), *2016-2017*
- The Hub (UW-Madison), *Fall 2015 – Spring 2016*
  - Technology and entrepreneurship club
- Society of Women Engineers (UW-Madison), *Fall 2015 – Spring 2016*
  - Freshman Committee