

## VARSHA SUBRAHMANYAM

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## EDUCATION

- 
- University of Illinois at Urbana-Champaign** [Expected Graduation: May 2019]  
 • Computer Science and Statistics, Bachelor of Science *Sophomore*  
 • Relevant Coursework: Data Structures, Discrete Structures, Statistical Analysis
- University of Cambridge** [Summer 2016]  
 • Took three courses via the Pembroke-King's Programme  
 • Coursework: Intro to Anthropology, Mathematics Workshop, Classical British Architecture
- University of Wisconsin-Madison** [August 2015 – May 2016]  
 • Computer Science  
 • Relevant Coursework: Introduction to Programming, Topics in Multivariable Calculus and Linear Algebra, Introduction to Data Structures, Topics in Multivariable Calculus and Differential Equations, Introducing Computer Science to K-12
- Udacity course:** Intro to Computer Science [Summer 2014]

## WORK EXPERIENCE

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- **Stephanie Kifowit, State Representative of Illinois** [June 2014 – Nov 2014]
    - Campaign Intern
  - **Purple Comet! Math Meet** [April 2016]
    - Moderated an online international competition for middle and high school students

## SKILLS

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

## COURSE PROJECTS

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- Intro to Programming and Intro to Data Structures
- Created a console menu that allows a user to choose from playing a simple maze program and a complex maze program with obstacles and randomly-determined dimensions.
  - Wrote a Game of Life program
  - Created a python implementation of a simple social network for a hypothetical gaming site. The implementation supports network update and querying.
  - Created a recipe database with which users can find, edit, and add recipes.
  - Managed the data in an application based on WhatsApp.

## ACTIVITIES

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