

# Siddarth Senthilkumar

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<https://github.com/sidsenkumar11>

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## Education

### Georgia Institute of Technology

*Intended B.S. in Computer Science with focus on Theory & Systems and Architecture*

3.89/4.00 Overall GPA

4.00/4.00 Major GPA

August 2014 – Present

#### ▪ Coursework

- CS 1332: Data Structures & Algorithms (Java)
  - CS 2340: Objects & Design (Java)
  - CS 2110: Computer Organization & Programming (C)
  - CS 3510: Design & Analysis of Algorithms
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## Projects & Skills

### Languages

- Java, Python
- HTML, CSS, JavaScript

### Libraries/Frameworks

- JavaFX, Swing, Selenium Web Driver, BeautifulSoup

### Operating Systems

- Windows, Linux (Ubuntu)

### Miscellaneous Software

- Experience with Excel Macros & VBA
- GitHub

### Projects

- Converted the board game “Risk” into a computerized game, complete with map, buttons, and game engine (<https://github.com/iLNibor/ilnibor-risk>)
    - Developed a unique solution to make irregularly shaped buttons
    - Created an event log to record players’ interactions
    - Worked in team of three using Git to manage version control
  - Wrote scripts in Python and JavaScript to automate downloading of nearly 1000 documents and residential data for transfer to another server for a condominium association
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## Work History

### HyperTech Solutions

#### *Summer Intern*

August 2013 – September 2013

- Managed spreadsheets for entry into databases that stored hotel and travel cost information.
  - Developed modules of VBA code to automate correction and creation of over 60 formula cells, drawing information from multiple templates
  - Locked content from spreadsheet users and color coded related columns to create a professional product
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## Organizations & Clubs

### GreyHat Information Security Club

#### *Secretary and Team Captain*

August 2015 – Present

- Hold weekly talks from security professionals and club members to discuss common software vulnerabilities, recent hackings, the mathematics of cryptography, and computer security as a profession
  - Create weekly hacking competition practice problems for team members to solve
  - Teach different exploits, tools, and common cryptographic/cryptanalytic practices
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## Awards

- 2015 Dailey/Smith Family Scholarship
- 2015 Georgia Institute of Technology Faculty Honors
- 2015 Georgia Institute of Technology Dean’s List