Shureed Kabir

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EDUCATION

Emory University   **Class of 2016**
Bachelor of Science in Computer Science and Bachelor of Arts in Chemistry (Double Major)
- **GPA:** 3.50/4.00 (**Computer Science GPA**: 3.87)
- **Coursework:** Artificial Intelligence, Discrete Structures, Assembly Programming; All Pre-Med Requirements

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PROGRAMMING LANGUAGES

Proficient: Java, Python   **Experienced:** C/C++, JavaScript (jQuery), HTML/CSS

RESEARCH EXPERIENCE

Emory University, Chemistry Department - *David G. Lynn Lab*   *Fall 2013 - Present*
- Explore properties of the Alzheimer's nucleation particle, a-β(16-22) in order to design organic nanobattery
- Proposed mechanisms to incorporate a-β(16-22) for rigid materials synthesis
- Implemented peptide synthesis procedures in order to create mutated version of a-β(16-22)
- Utilize chemical detection methods, such as IR Spectroscopy and Transmission Electron Microscopy

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LEADERSHIP EXPERIENCE

Vinyl (*Electronic Music Production Club*) *Founder and President*   *Fall 2014 - Present*
- Chartered student organization to promote local music producers and to expand awareness of music subgenres
- Collaborate with members to teach music production techniques using FL Studio
- Partner with other student led groups to organize talent showcases and other campus-wide events

Emory Robotics Club   *Fall 2014 - Present*
- Lead project to design and create Arduino based LED frequency visualizer

ChEmory (*Emory Chemistry Club*)   *Fall 2013 - Present*
- Presented a chemical reaction demonstration for ChEmory

Vice President of Advocacy   *Fall 2012 - Spring 2013*
- Organized various events for residents and voiced residents' concerns

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WORK EXPERIENCE

InstaEDU, Inc
Online Tutor   *Fall 2014 - Present*
- Tutor high school and college students in Computer Science, Chemistry, and Physics 3 times per week

Office of Residence Life and Housing, Emory University
Resident Advisor   *Fall 2014 - Present*
- Advise and mentor 28 first year students in a citizenship oriented community
- Engineered audio for freshman music competition
- Create programming which promoted citizenship within freshman community
- Oversee safety of 200 residents living in two dormitories

Pre-College Resident Advisor   *Summer 2014*
- Mentored and oversaw 330 high school students over three sessions
- Developed application to expedite daily check-in process and reduce workload on staff members

Sophomore Advisor   *Fall 2013 - Spring 2014*
- Advised and mentored 20 first year students in a sustainability oriented community
- Engineered audio for freshman music competition
- Created programming which promoted sustainability within freshman community

Self-Employed
Personal Tutor   *2011 - 2012*
- Tutored students enrolled in Honors Chemistry, AP Chemistry, On-Level Calculus and AP AB/BC Calculus
- Helped student receive first A on test in AP Chemistry

INTERESTS AND OTHER SKILLS

Languages: Bangla (Fluent), Spanish (Intermediate)   **Interests:** Soccer, cross country, building PCs, coding competitions