

Shureed Kabir

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EDUCATION

Emory University - Bachelor of Science in Computer Science

Class of 2016

- **GPA:** 3.43/4.00 (**Computer Science GPA:** 3.70)
 - **Coursework:** Artificial Intelligence, Discrete Structures, Assembly Programming; All Pre-Med Requirements
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PROJECTS AND TECHNICAL EXPERIENCE

Velocity - Class Project (In Progress)

Fall 2014 - Winter 2015

- Designing and developing Django based web application to authenticate users and manage user's tasks
- Implementing JavaScript and HTML/CSS to render user interface

BetterLoop - Software Developer Intern

Fall 2014 - Present

- Developing Android application to interface with users and to communicate with existing server
- Proposed new user response system and collaborating with team members to implement system
- Helped in shaping growth and future direction of startup company

InstaLeague - Independent Project

Fall 2014 - Winter 2015

- Designed and developed Android application to facilitate in organization of local pickup games and events
- Implemented a Node.js and MongoDB-powered server to create a REST API to help model data structures
- Applied Facebook SDK to authenticate users and Parse SDK to store user data

Emory Robotics Club

Fall 2014 - Present

- Lead project to create Arduino Nano based LED frequency visualizer
- Assembled LED array matrix to output audio spectrum analysis

Emory University, Chemistry Department - David G. Lynn Lab (Chemistry Research)

Fall 2013 - Spring 2014

- Explored properties of the Alzheimer's nucleation particle, α - β (16-22) in order to design organic nanobattery
 - Proposed mechanisms to incorporate α - β (16-22) for rigid materials synthesis
 - Implemented peptide synthesis procedures in order to create mutated version of α - β (16-22)
 - Utilized chemical detection methods, such as IR Spectroscopy and Transmission Electron Microscopy
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PROGRAMMING LANGUAGES

Proficient: Java (Android), Python (Django)

Experienced: C, JavaScript (jQuery, Node.js), HTML/CSS

Other Technologies: IntelliJ IDEA, Android Studio, PyCharm, Eclipse, Git (GitHub), XCode; Linux, Mac OS, Windows

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

Office of Residence Life, Emory University

Resident Advisor

Fall 2014 - Present

- Advise, mentor, and create programming for 20 first year students in a citizenship-oriented community
- Engineered audio for freshman music competition
- Oversee safety of 200 residents living in two dormitories

Pre-College Resident Advisor

Summer 2014

- Mentored and oversaw 330 high school students over three two-week residential sessions
- Developed application to expedite daily check-in process and reduce workload on staff members

Sophomore Advisor

Fall 2013 - Spring 2014

- Advised, mentored, and created programming for 20 first year students in a sustainability-oriented community
- Engineered audio for freshman music competition

Vice President of Advocacy

Fall 2012 - Spring 2013

- Organized various events for residents and voiced residents' concerns

Self-Employed - Personal Tutor

2011 - 2012

- Tutored students enrolled in Honors Chemistry, AP Chemistry, On-Level Calculus and AP AB/BC Calculus
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INTERESTS AND OTHER SKILLS

Languages: Bangla (Fluent), Spanish (Intermediate)

Interests: Soccer, Cross Country, Building PCs, Coding Challenges