

# Shureed Kabir

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## EDUCATION

**Emory University** - Bachelor of Science in Computer Science

**Class of 2016**

- **GPA:** 3.45/4.00 (**Computer Science GPA:** 3.70)
  - **Coursework:** Artificial Intelligence, Software Engineering, Assembly Programming; All Pre-Med Requirements
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## PROJECTS AND TECHNICAL EXPERIENCE

**H2O Overgroup** - Software Developer Intern (Nominated for ACT TOP award)

*Present*

- Created a client scorecard feature that allows tracking of individual and team performance in client support
- Collaborated with Roadmap team to develop custom network inventory management system
- Add features generated by the H2O Ideas platform to main product and SOAP API

**Class Projects**

*Spring 2015*

- Designed and developed Django based web application to authenticate users and manage user's tasks
- Designed and developed Twisted and Django based web application for geolocation based real-time chat
- Coordinated with team members to develop product and implemented Git for version control

**BetterLoop** - Software Developer Intern

*Fall 2014 - Spring 2015*

- Developed 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,  $\alpha$ - $\beta$ (16-22) in order to design organic nanobattery
  - Proposed mechanisms to incorporate  $\alpha$ - $\beta$ (16-22) for rigid materials synthesis
  - Implemented peptide synthesis procedures in order to create mutated version of  $\alpha$ - $\beta$ (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, SQL, VB.NET (ASP.NET), JavaScript, HTML/CSS

**Other Technologies:** JUnit, Git, IntelliJ, Android Studio, PyCharm, Visual Studio, Eclipse, XCode; Linux, Mac OS, Windows

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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

**Office of Residence Life, Emory University**

Resident Advisor (previously Sophomore Advisor, Pre-College Resident Advisor)

*Fall 2014 - Present*

- Advise, mentor, and create programming for 20 first year students in a citizenship-oriented community
- Developed application to expedite daily check-in process and reduce workload on staff members
- Oversee safety of 200 residents living in two dormitories

**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