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

H2O Overgroup - *Software Developer Intern* *Present*
- Use SQL to manipulate database and to generate reports requested by clients
- Collaborate with others to develop system to bulk import issues tickets
- Implement tools such as Zendesk, JIRA, and Stash to respond to client requirements and update codebase

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, 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)
- 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, JavaScript (jQuery, Node.js), HTML/CSS
Other Technologies: JUnit, Git (GitHub), Intellij IDEA, Android Studio, PyCharm, 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
- Engineered audio for freshman music competition
- 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