

# Alishan K. Kaisani

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## OBJECTIVE

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Dedicated student seeking to apply skills in chemical engineering and computer science in Summer 2017 internship or job

## EDUCATION

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**Georgia Institute of Technology**, Atlanta GA

**Expected Graduation:** May 2019

**Major:** Chemical and Biomolecular Engineering

**GPA:** 3.65

**Minor:** Computer Science (Information and Internetworks thread)

**Relevant Coursework:** Organic Chemistry I & II, Synthesis Laboratory, Thermodynamics I & II, Polymer Science and Engineering I, Object-Oriented Programming, Computer Organization and Programming, Computer Systems and Networks

## EXPERIENCE

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**Georgia Tech VIP Program – BeeSnap**, Atlanta GA

**Jan 2017 – Present**

*Team Researcher*

- Active member of long-term research project on collecting big data about bee-flower interactions
- Specialized in CS sub-team, performed UI design, and added camera functionality using JavaScript (Angular/Node.js)
- Created and connected a database (mariadb/SQL) housed on Georgia Tech servers to interface with web application

**Comprehensive Business Accounting**, Norcross GA

**May 2016 – Aug 2016**

*Administrative Assistant*

- Expedited business operation by designing a schedule of meetings and appointments for employees
- Keyed in data (M.S Excel) for relevant business documents to streamline day to day business practices

**North East Ismaili Center – Council Corner**, Duluth GA

**Aug 2013 – Aug 2015**

*Shift Manager*

- Hub for all registration and information needs of congregation members of a local religious institution
- Delegated distribution of customer service amongst volunteers to groups of 70+ people in a few hours on a weekly basis
- Operated database registry system (MS SharePoint 2007) and administered monetary transactions

**Piedmont Hospital – Biomedical Engineering Department**, Atlanta GA

**Aug 2014 – Dec 2014**

*Student Intern*

- Facilitated operation of biomedical equipment and assisted technicians in troubleshooting faulty equipment
- Expedited completion of monthly quota of equipment fixes – i.e. 100 infusion pumps/month
- Provided customer service to visitors, patients, and other medical professionals within the hospital

## SKILLS/INTERESTS

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**Software Skills:** Aspen, Linux, Git/GitHub, MS Word, PowerPoint, Excel – (Excel Solver, regression analysis)

**Languages:** Spanish (Proficient), Hindi, Urdu (Conversational)

**Programming:** Java, MATLAB, Python, C, SQL (Familiar), HTML/CSS, JavaScript – Angular, Node.js (Familiar)

**Interests:** Discrete Mathematics, Powerlifting, Music (9 years – Percussion)

## ACTIVITIES

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**American Institute of Chemical Engineers**, Member

**2015-Present**

**Georgia Tech Barbell Club**, Member

**2016-Present**

**Georgia Tech Housing Intramurals (Flag Football)**

**2015-Present**

## ACHIEVEMENTS

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**Zell Miller Scholarship Recipient**, Georgia Tech

**2015-Present**

**Dean's List**, Georgia Tech

**2016**

**Faculty Honors**, Georgia Tech Chemical Engineering Department

**2015**

**Georgia Governor's Honors Program Alumnus**, Valdosta GA

**2014**