

## Graham McAllister

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<https://github.com/gmcallister3>

### OBJECTIVE

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Avid Computer Science minor looking to further education through a Master's program.

### EDUCATION

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#### GEORGIA INSTITUTE OF TECHNOLOGY

Chemical & Biomolecular Engineering

Minor: Computer Science – Intelligence

Candidate for degrees in Spring 2016

*Fall 2011 - present*

**Major GPA: 3.57**

**Minor GPA: 4.00**

**Overall GPA: 3.63**

### EXPERIENCE

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#### Co-op Engineer, Southern Company (Plant Hammond)

*January 2014 – August 2014*

- Lead and managed a \$50,000 project to install a new pump on the coal runoff pond.
- Assisted with managing of a large-scale (\$750,000) piping replacement, which finished two weeks ahead of schedule.
- Initiated and planned two other small-scale capital projects.
- Delivered formal presentations at the co-op assessment at the end of each work semester.

#### GT Trailblazers Executive Committee

*August 2014 – present*

*VP of Alternative Breaks*

- Responsible for managing Alternate Break Coordinators, submitting budgets, advertising for trips.

*Alternative Break Coordinator*

- Planned and lead an alternate fall break trip to a South Carolina State Park. Planned and lead an overnight trip to Providence Canyon State Park.
- Encouraged outdoor recreation and environmental service throughout campus.

#### Undergraduate Research – Dr. Nair

*Spring 2015*

- Microscopic observation of Molecular Organic Framework crystal linker substitutions.
- Synthesized and experimented on ZIF crystals, which have applications in membrane separation technology.
- Used imaging software to take time-lapse microscope recordings.

#### Study Abroad – Lyon, France

*Summer 2013*

- Studied at CPE Lyon University.
- Chemistry-related classroom, cultural, and scientific experiences.
- Program visits to places such as the UN, Pasteur Institute, CERN, Lumiere Museum.

### RELEVANT PROFESSIONAL SKILLS

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- Programming Languages: Java, C, Python, JavaScript, HTML, CSS, MATLAB
- Platforms/Libraries: GIT, jQuery, Node.js, Express.js

### SKILLS/INTERESTS

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**Languages:** Spanish – Basic  
French – Basic  
Japanese – Elementary

**Affiliations:** GT Trust

*2012 – present*

- Student mentor for underprivileged youth, teaching academic and social skills

Emerging Leaders – Georgia Tech.

*2011 – 2012*

- Participated in freshman organization built to enhance leadership skills.

Georgia Tech Club Golf

*2012 – 2013*

- Competed in intercollegiate club tournaments.

Running Wreck

*August 2014*

- Competed in team races with the running club.

**Volunteer:** Relay for Life Team Captain

*April 2013*