

# David Thomson

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## Education

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### Georgia Institute of Technology

August 2014 - Present

- B.S. in Computer Science
- Expected graduation: May 2018
- GPA: 3.84
- Concentration: Information Internetworks, Intelligence

## Experience

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### Factory Automation Systems | Co-op

May 2016 - May 2017

- Created Human-Machine Interface application to control a GE automated production line, worked with customer on site to test and install
- Developed WPF desktop application to organize and display data from 70+ employees' Google Calendars to help project managers plan effectively
- Developed Windows service to periodically read data from a Programmable Logic Controller and store the data in a SQL database
- Responsible for resolving technical problems with all co-ops' laptops

### Georgia Tech | Undergraduate Teaching Assistant

January - May 2016

- Explained key concepts in data structures and algorithms to first and second year students
- Led weekly recitations to review course content
- Held office hours to help with homework implementations
- Proctored and graded tests and quizzes
- Wrote comprehensive unit tests to help grade homework assignments

### AUVSI | Robotics Conference Intern

May 2015

- Association for Unmanned Vehicle Systems International (AUVSI)'s *Unmanned Systems North America* technical conference and trade show
- Supported event logistics and attendee registration for 6,000+ participants and 500+ corporate exhibitors
- Assisted with product demonstrations of drones and robotic vehicles

## Activities

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### Georgia Tech Chamber Choir | Treasurer

May 2015 - May 2016

- Managed approximately \$5,000 in funds and set a budget for the fiscal year
- Accepted donations, collected membership dues, and maintained financial records for the choir

### Pi Epsilon Phi | Treasurer

November 2014 - Present

- Choral service fraternity
- Regularly perform service projects to help support the GT Choirs
- Role as Master of Rituals includes organizing events and ceremonies

## Skills

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### Languages

- C#, Java,  $\LaTeX$ , Python, Visual Basic, VBA

### Development Tools

- Git, IntelliJ, Visual Studio, Microsoft SQL Server, JUnit

## Projects

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