

# Ian Johnson

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## Summary

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I am a quick and versatile learner, adaptable to a variety of challenging situations and tasks. I have a strong background in mathematics, as well as experience in computer programming.

## Education

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### University of Virginia

May 2017

*B.A. in Mathematics (advanced track) and Physics*

*Overall G.P.A.: 3.96*

#### – Awards and designations

- Echols Scholar
- Edwin E. Floyd Prize in Mathematics (2017)
- Intermediate Honors (2016)
- Dean's List (Spring 2015, Spring 2016, Fall 2016)

## Experience

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### Volunteer Tutor

September 2017–Present

*FACETS*

*Centreville, VA*

- Teach a variety of computer-related skills to adults.
- Assist with children's homework and after-school activities.
- Provide proactive technical support to community center.

### Undergraduate Physics Researcher

April 2015–September 2017

*UVa Solid Polarized Target Group*

*Charlottesville, VA*

- Develop mathematical models from systems of differential equations.
- Create simulations based on experimental data.
- Design algorithms and software to automate experimental process.

### Undergraduate Mathematics Researcher

May 2016–July 2017

*University of Virginia*

*Charlottesville, VA*

- Apply individual study of new material to research efforts.
- Collaborate with research adviser to investigate novel concepts.

### Vice President & Secretary

May 2015–May 2017

*Kinetic Sound*

*Charlottesville, VA*

- Co-founded successful student organization.
- Coordinate logistics of large-scale events with over one hundred attendees.
- Participate in and contribute to weekly planning meetings.

## Skills

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- Programming

- Languages: Rust, LabVIEW, C, C++
- GitHub: <https://github.com/ianprime0509>
- **French**
  - Upper intermediate reading and writing