

# Andrew H. Olsen

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(248) 345-0274

## Education

**Indiana University**, Bloomington, IN

May 2021

*Bachelor of Science in Computer Science*

**Specialization:** Software Development, **Minor:** Philosophy

**GPA:** 3.465/4.0

**Scholarships:** DAP Informatics (2017), Dean's Scholarship (2017), SICE Direct Admit (2018), Computer Science Student (2018)

## Work Experience

**Indiana University School of Informatics, Computing, and Engineering**, Bloomington, IN

September 2017 – Present

*Computer Science Tutor*

- Lead groups of all sizes of students through difficult computer science subject material to complete homework assignments and aid in understanding of topics
- Produce thorough study guides and provide students with advice for upcoming tests and quizzes

**Indiana University Disability Services for Students**, Bloomington, IN

November 2017 – Present

*Access Assistant*

- Organize and file memos, handle sensitive data responsibly, and administer exams for students with accommodations
- Assist students with a variety of confidential issues and provide administrative support while executing excellent customer services skills

**Indiana University School of Informatics, Computing, and Engineering**, Bloomington, IN

August 2019 – Present

*Undergraduate Instructor*

- Teach labs weekly, helping students understand the problem-solving process for the class
- Host office hours while designing analogous practice problems for both homework assignments and exams

**Indiana University ServeIT**, Bloomington, IN

January 2018 – December 2018

*Intern*

- Assisted elderly adults on technology usability issues with the TeachIT team, such as laptops and cellular phones
- Refurbished older computers and worked alongside local non-profits to update software, with the Tech Team
- Taught programming concepts, basic hardware knowledge, and technology maintenance to children

## Technical Skills

**Languages:** Java, C, Python, Racket

**Platforms:** Linux, Microsoft Windows, Mac OS

**Miscellaneous:** Microsoft Word, Microsoft Excel, Jira, Agile

## Student Activities

**School of Informatics, Computing, Engineering LLC Leadership Council**, Bloomington, IN

September 2017 – January 2018

*Vice Chair*

- Developed and sustained relationships between the new Living Learning Community of 50 students and various student organizations, such as Women in Computing and Nothing is Binary
- Guided and collaborated with 8 other committee members to introduce original programming for the Community, like Winter Formal, de-stress events, and new shirts from the company Graphic Visions

**Habitat for Humanity**, Bloomington, IN

October 2017 – Present

- Attend building sites, altogether working 35 hours to assist coordinators in a variety of construction tasks

## Research Experience

**Quantum Computing with Dr. Amr Sabry**

Summer 2019

- Evaluated educational material for a new quantum computing course that is currently under development
- Implemented simple quantum algorithms in a classical environment utilizing Python and experimented with IBM's quantum simulator