Andrew H. Olsen

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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, Python, Racket (Scheme derivative), C
Platforms: Microsoft Windows, Mac OS, Linux
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