

# Jacqueline Osborn

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## EDUCATION

### University of Illinois at Urbana-Champaign

*Urbana, IL*

B.S. Computer Science • Dean's List • GPA: 3.95/4.00

*August 2017 - May 2021*

- Relevant Coursework: Intro to Algorithms and Models of Computation, Data Structures, Artificial Intelligence, Numerical Methods, Software Design Studio, Computer Architecture

## SKILLS

### Languages

Java • C++ • Python • MIPS • JavaScript

### Technologies

Spring • Cassandra • Oracle • React • openFrameworks • Unity

## EXPERIENCE

### CS225 Data Structures

*Urbana, IL*

Course Assistant

*August 2018 - Present*

- Holding office hours to answer questions about and reinforce class material or assignments
- Assisting graduate TA in running weekly lab sections of 30 students
- Help develop Illinois Open Source Queue (tool for office hours)

### Arity/Allstate

*Chicago, IL*

Software Engineering Intern

*May 2018 - August 2018*

- Worked on the backend team of the Astronaut application which informs users about their car and driving habits
- Implemented pipelines using Spring, Cassandra, and Oracle to interpret data from an OBD-II device

## PROJECTS

### Top News

Solo project

*June 2018 - August 2018*

- Creating a Python script to find and summarize top news stories from various news websites
- Utilizing BeautifulSoup, Requests, and Sumy (text summarization)

### Face Filters

Solo project

*May 2018*

- C++ application that can apply image/facial filters to pictures or a video feed
- Built using openFrameworks and OpenCV

### Reminiscence of Harry Potter

Group project

*September 2017 - December 2017*

- Helped build a Harry Potter themed maze desktop game using Unity and C#
- Wrote the main menu and scripts for character data and attacks

## ACTIVITIES

### Hack4Impact

*Urbana, IL*

Software Developer

*January 2019 - Present*

- Organization to develop software for nonprofits each semester
- Spring 2019: Develop a tool to classify nonprofit websites into themes

### Reflections | Projections

*Urbana, IL*

Marketing Staff

*January 2018 - Present*

- Member of the marketing committee for the annual Computer Science tech conference
- In charge of outreach to other Midwestern Universities to gather interest