

# Ashwin Mishra

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## EDUCATION

### YOUNGSTOWN STATE UNIVERSITY

05/2019 | Youngstown, Ohio

#### B.S. IN COMPUTER SCIENCE

College of Science, Technology, Engineering,  
and Mathematics

#### MINOR IN MATHEMATICS

President's List (All Semesters)

GPA: 4.0/4.0 (Cumulative)

## LINKS

Website: <https://ashwin9999.github.io>

Github: [ashwin9999](#)

LinkedIn: [ashwin-mishra](#)

## SKILLS

### PROGRAMMING LANGUAGES

Java • JavaScript • C++ • Python • C# •  
PHP • Shell script • HTML5 • CSS3

### FRAMEWORKS & LIBRARIES

React.js • Redux • Bootstrap • Node.js •  
Express.js • Spring • Django • Flask •  
Corona • React Native • TensorFlow • Qt

### BUILD & TEST AUTOMATION

Gradle • Maven • Travis CI • Selenium

### DEPLOYMENT

Heroku • DigitalOcean (Cloud  
Deployment)

### DATABASES

MySQL • MongoDB • PostgreSQL

### OTHER CONCEPTS

HTTP • AJAX • API • REST • UML •  
Design Patterns • Version Control (Git)

## LEADERSHIP

### INTERNATIONAL STUDENTS' ORGANIZATION | PRESIDENT

08/2017 - 08/2018 | Youngstown  
State University

Led and organized the International  
Education Week where International  
students share and celebrate their cultural  
differences and similarities.

Developed and moderated forums for  
current and prospective International  
students to address their concerns.

## RESEARCH & WORK EXPERIENCE

### YOUNGSTOWN STATE UNIVERSITY

NATURAL LANGUAGE PROCESSING | INDEPENDENT STUDY

08/2018 - Present | Fall semester, senior year

- Develop a Sentiment Analyzer that analyzes the sentiments behind the professor-reviews on RateMyProfessor.
- Develop a Google Chrome extension that sorts the professor-reviews according to the polarity of reviews.

Language: Python

Supervisor: Prof. Alicia P. Langarica

VIRTUAL DISK IMAGE SCANNER | OPERATING SYSTEMS PROJECT

01/2018 - 03/2018 | Spring semester, sophomore year

- Developed a program that copies files into and out of a Virtual Disk Image (VDI) file containing a Linux Ext2 filesystem.
- Developed a Command-Line-Interface that mimics a bash-style interface having basic bash commands.

Language: C/C++

Supervisor: Prof. Robert Kramer

WEB CRAWLING | UNDERGRADUATE RESEARCH

01/2018 - 05/2018 | Spring semester, sophomore year

- Developed a web crawler that crawls the website, [www.dealnews.com](http://www.dealnews.com) and fetches deals.
- Developed a Recommender System that uses k-NN to recommend deals to users using the crawled data.

Language: Python3

Supervisor: Prof. John Sullins, Prof. Feng Yu

EYE TRACKING | ON-CAMPUS JOB

05/2017 - 07/2018 | Research Assistant (Promoted to Software Developer)

- Led the development of iTrace, an Eclipse IDE-based plugin that implicitly gathers eye gazes and maps them to the IDE elements.
- Led the development of iTrace-Chrome, a Chrome extension that maps the eye gazes to the attributes of the websites opened in Chrome.

Language: Java, JavaScript

Supervisor: Prof. Bonita Sharif

## PEER REVIEWED PUBLICATION

ETRA 2018 | EYE TRACKING RESEARCH & APPLICATIONS

06/2018 | Warsaw, Poland

Drew T. Guarnera, Corey A. Bryant, Ashwin Mishra, Jonathan I. Maletic, and Bonita Sharif. 2018. iTrace: eye tracking infrastructure for development environments. In Proceedings of the 2018 ACM Symposium on Eye Tracking Research & Applications. ACM, New York, NY, USA, Article 105, 3 pages. DOI: <https://doi.org/10.1145/3204493.3208343>

## AWARDS & HONORS

2018	Best Demo	ACM ETRA conference, Warsaw
2017	Most Valuable Person in a Team	Software Engineering Project
2016	Scholarship for Excellence	Youngstown State University