# 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: 4.00/4.00 (Cumulative)

## LINKS

Website: https://ashwin9999.github.io
Github: ashwin9999
LinkedIn: ashwin-mishra

## SKILLS

### PROGRAMMING LANGUAGES
Java • JavaScript • C++ • Python3 • 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

### 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: Python3
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

### SYNERGY COMP INSURANCE
### Database Applications
11/2018 – Present | Database Specialist/Trainer
- Train employees to create, maintain and administer databases.
- Train employees to write high-level PL/SQL code and develop back-end applications.
- Assist employees to troubleshoot database connection and transient fault errors, and to write time-and-space-efficient programs.

Language: SQL, PL/SQL

### YOUNGSTOWN STATE UNIVERSITY
### 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. DOI: https://doi.org/10.1145/3204493.3208343

## AWARDS & HONORS

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