

Ashwin Mishra

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EDUCATION

YOUNGSTOWN STATE UNIVERSITY

May, 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 •
npm

DEPLOYMENT

Heroku • DigitalOcean (Cloud
Deployment)

DATABASES

MySQL • MongoDB • PostgreSQL

CONCEPTS

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

LEADERSHIP

INTERNATIONAL STUDENTS' ORGANIZATION | PRESIDENT

August, 2017 - August, 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

August, 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

January, 2018 - March 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

Jan, 2018 - May, 2018 | Spring semester, sophomore year

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

Language: Python

Supervisor: Prof. John Sullins, Prof. Feng Yu

EYE TRACKING | ON-CAMPUS JOB

May, 2017 - July, 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 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

June 14-17, 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

2017 Most Valuable Person in a Team

2016 Scholarship for Excellence

ACM ETRA conference, Warsaw'18

Software Engineering Project

Youngstown State University