

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 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

2018 Best Demo

2017 Most Valuable Person in a Team

2016 Scholarship for Excellence

ACM ETRA conference, Warsaw

Software Engineering Project

Youngstown State University