Ashwin Mishra

91 Wick Oval, Youngstown, OH 44502
AMISHRA01@STUDENT.YSU.EDU | 330.397.8589

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

FRAMEWORKS, PLATFORMS & LIBRARIES
React.js • Redux • Bootstrap • Node.js • Express.js • Spring • Django • Flask • Corona • React Native • TensorFlow • Qt

BUILD & TEST AUTOMATION
npm • Gradle • Maven • Travis CI • Selenium

DEPLOYMENT
Heroku • Digital Ocean

DATABASES
MySQL • MongoDB • PostgreSQL

CONCEPTS
HTTP • AJAX • JSON • REST • UML • Design Patterns • Version Control (Git & SVN)

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	ACM ETRA conference, Warsaw'18
2017	Most Valuable Person in a Team	Software Engineering Project
2016	Scholarship for Excellence	Youngstown State University