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

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)

ORGANIZATIONS

2016 - PRESENT
- Association for Computing Machinery (Student Chapter Member)
- Society for Industrial and Applied Mathematics (Computer Science Representative)
- National Society of Collegiate Scholars

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

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

LEADERSHIP

INTERNATIONAL STUDENTS' ORGANIZATION | PRESIDENT
August, 2017 - August, 2018 | Youngstown State University
- Led and organized the International Education Week, an annually celebrated week where International students share and celebrate their cultural differences and similarities.
- Developed and moderated forums for current and prospective International students where questions, suggestions and concerns regarding the International Students' community were addressed.