Han **Wang**

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Education

University of Michigan	*Ann Arbor, MI*
M.S. IN COMPUTER SCIENCE AND ENGINEERING	*Sep 2019 - May 2021*

- Master's student with a focus on *machine learning*, GPA: 3.78/4.0
- Relevant Coursework: Machine Learning, Computer Vision, Compilers, Computer Network Security, Parallel Computing, Human AI Interaction and Crowdsourcing, and Foundations of AI.

Michigan State University	*East Lansing, MI*
B.S. IN COMPUTER SCIENCE AND ENGINEERING & B.S. IN PSYCHOLOGY	*Aug 2014 - May 2019*

- Computer Science and Engineering Honors College, GPA: 4.0/4.0
- Relevant Coursework: Big Data Analysis, Biometrics, Computer Networks, Data Structures and Algorithm, Mobile App Development, Operating Systems, and Web App Development.

Skills

Languages	Python, C++, Javascript, MATLAB, PHP, Java
Frontend & Backend	React.js, Redux, HTML, CSS, jQuery, Node.js, Laravel, MySQL, Unit Testing, Integration Testing
Infrastructure	AWS, Google Cloud, CI/CD, Loading Balancing, Domain, SSL, Web Hosting
Tools	git, Adobe XD, Linux, macOS, Windows

Experience

Stealth Mode Startup	*Palo Alto, CA*
COMPILER & MACHINE LEARNING SOFTWARE ENGINEER INTERN	*May 2020 - Aug 2020*

- Built and deployed machine learning debugging tools for the software engineering team by leveraging Google's Tensorboard project.
- Extended an LLVM open-sourced project (MLIR) to provide greater visibility into compiler code generation and support for visualization.

Perch	*Ann Arbor, MI*
CO-FOUNDER & SOFTWARE DEVELOPER	*May 2017 - May 2020*

- Developed a scalable full-stack web application using Node.js and React that helps researchers find opportunities in academia and industry.
- Implemented continuous integration and continuous deployment pipeline to automate build, test, and deployment of our application.

The Dow Chemical Company	*Ann Arbor, MI*
CYBERSECURITY SOFTWARE ENGINEER INTERN	*May 2018 - Aug 2018*

- Designed and implemented a full-stack web application to keep track of high-risk company assets using React and Python Django, reduced incident response time by 16%.
- Placed first in Hackathon by creating a voice assistant and 3D plant visualization to improve plant workers' workflow using Azure, Python, and Unity.

Student Data Analyst	*East Lansing, MI*
MSU SUPPLY CHAIN MANAGEMENT	*May 2017 - May 2019*

- Developed web scraping algorithm using Python and Node.js to fetch hospital data and automotive data from multiple sources.
- Created many Python scripts to clean and parse raw datasets in order to generate an easy-to-view data summary for further analysis.

Research Assistant	*East Lansing, MI*
MSU CLINICAL NEUROSCIENCE LAB	*Aug 2017 - May 2019*

- Programmed various neuropsychological experiments to collect data from patients with schizophrenia on MATLAB for eye-tracking tasks.
- Performed statistical analyses on data collected and presented results at weekly lab meetings to graduate students and principal investigator.

Extracurricular

MHacks 11, Massey Hacks III	
HACKATHON MENTOR	*Apr 2017 - Oct 2018*

- Developed a mobile development workshop for hackathons to help kickstart participants' Android development.
- Designed a location-aware weather application for Android to showcase the fundamental skills for mobile development.