

WESLEY Y. TIAN

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EDUCATION

University of Michigan

Bachelor of Science in Computer Science and Data Science; GPA: 3.51/4.00
Coursework: Applied Regression Analysis, Sound Patterns, Mind & Machines

Ann Arbor, MI
Sep. 2017 – Present

University of Massachusetts, Amherst

Bachelor of Science in Computer Science and Mathematics; GPA: 3.76/4.00
Coursework: Artificial Intelligence, Game Theory, Reasoning Under Uncertainty,
Computer Systems Principles, Introduction to Computation, Programming Methodology

Amherst, MA
Sep. 2015 – May 2017

Coursera.org/ DataCamp.com

Courses: Machine Learning, Intro to Python for Data Science

Online
May 2017–Present

EXPERIENCE

University of Michigan

Research Assistant – Machine Learning for Data-Driven Decisions Research Group

Ann Arbor, MI
Sep. 2017–Present

- Collaborating with clinicians to develop a predictive data-driven model to improve patient outcomes.
- Analyzing time-series data feature representations and machine learning models to improve AUC scores.
- Writing paper for *American Medical Informatics Association (AMIA) 2018 Clinical Informatics Conference*.

Fidelity Investments Inc.

Software Engineering Intern – NetBenefits Web App Team

Merrimack, NH
May 2017–Aug. 2017

- Developed a database query web application tool in Angular and Java to improve overall team efficiency.
- Contributed to during daily scrum meetings by providing insights from a unique perspective.

Rayshobby LLC

IoT Development Intern

Amherst, MA
May 2016–May 2017

- Soldered components and designed IoT device circuit boards using EAGLE to produce new gadgets.
- Flashed, tested, and debugged embedded circuits programmed in C++ with efficiency and attention to detail.

PROJECTS

ImageNet Replication Project (Michigan Data Science Team)

Jan. 2018–Present

- Leading team to replicate results of the *Deep Residual Learning for Image Recognition* paper in TensorFlow.

Thermostat++ (Individual)

Aug. 2016–May. 2017

- Invented smart home gadget using Arduino components to wirelessly regulate and monitor room temp.
- Programmed web app to allow scheduling and setting of temps at adjustable intervals through the gadget.

AWARDS

3rd Place, ASSISTments Data Mining Challenge 2017 (Michigan Data Science Team)

Dec. 2017

- Invited to submit paper to *International Conference on Educational Data Mining* in Buffalo, NY.

1st Place, Fidelity Investments Merrimack Hackathon 2017 (Team)

Jul. 2017

Most Creative Use of Indico.io API, HampHack 2017 (Team)

Apr. 2017

- Implemented Indico's image recognition API in a web app to filter clothes online by users' visual preferences.

SKILLS

Programming Languages: Java, C/C++, Python R, Scala

Software: Angular, LaTeX, scikit-learn

Other: Git, AWS, Mandarin Chinese