WESLEY TIAN

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EDUCATION

University of Michigan — Ann Arbor, MI
BS in Computer Science — *Apr. 2019*

University of Massachusetts Amherst — Amherst, MA
*BS in Computer Science, BS in Mathematics; **GPA: 3.76 / 4.00*** — *Sep. 2015 - May 2017*
Selected Courses: Linear Algebra, Reasoning Under Uncertainty, Artificial Intelligence, Game Theory

Coursera.org — Online
Selected Courses: Machine Learning by Stanford University — *May 2017 - Present*

AWARDS

- 1st Place at Fidelity Investments Inc. Merrimack Hackathon (2017)
- Best Use of Indico Machine Learning API at HampHack (2017)
- Dean's List Honors (2015, 2016, 2017)
- Chancellor's Scholarship (2015)

EXPRERIENCE

Fidelity Investments Inc. — Merrimack, NH
Software Engineering Intern — *May 2017 - Present*

· Implementing query automation tool with Angular 2 for easy data retrieval from company databases
· Working with five other interns to devise and present a mobile app that promotes investing in children
· Developed Angular 2 components and services for Digital Interview Experience hackathon project

RaysHobby LLC — Amherst, MA
Intern — *May 2016 - May 2017*

· Soldered, assembled and extensively tested embedded circuits and home automation gadgets
· Worked with Professor Rui Wang to create new gadgets
· Designed the Thermostat Pro home automation gadget and programmed its firmware in C

PROJECTS

Roshambo God: Rock, Paper, Sicssors Bot — May 2017

· Built Java bot that plays user in a game of rock, paper, scissors
· Uses player's history and Bayesian mechanics to predict player's next move

FashionFiltr: Machine Learning Shopping Filter — Apr. 2017

· Applied state-of-the-art deep learning models to help users narrow down choices when shopping for clothes online
· Trained machine learning models using Indico API and hosted web application using AWS' EC2 instance

Thermostat Pro: Home Automation Gadget — Aug. 2016

· Detects room temperature and regulates it by controlling RF signal outputs
· Programmed using C++, built using Arduino and spare components from workshop

SKILLS & INTERESTS

Programming Languages	Java, C, Scala, JavaScript, TypeScript, Python, Octave
Technologies/Frameworks	Angular 2, Node.js, AWS EC2
Other Skills	Git, Chinese (fluent)
Interests	Mountaineering, cooking