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 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 - Aug. 2017*

· Implementing full-stack query tool for automated data retrieval from Oracle databases using Angular and Java
· Participated actively in daily scrum meetings, and worked in Agile paradigm with large team
· Assisted in winning Fidelity hackathon by developing scheduling application using Angular
· Volunteered by teaching children about physics concepts while building roller coasters

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

· Soldered, assembled, tested and debugged embedded circuits and open-source smart home gadgets
· Worked with computer science Professor Rui Wang to develop ThermostatPro using EAGLE
· ThermostatPro detects room temperature and regulates it by controlling RF signal outputs to third-party outlets
· Programmed firmware using C++ in Lubuntu and built prototype of gadget using components in workshop

PROJECTS

Rock, Paper, Scissors AI — *May 2017*

· Predicts player's next move based on Bayesian statistics and player history

FashionFiltr — *Apr. 2017*

· Web app uses Bootstrap to personalize shopping experiences by learning from previous purchase history
· Used Indico API's image analysis to train custom machine learning models
· Scraped clothing images using Node.js and Express and served on Amazon EC2

CSV-XML Converter — *Mar. 2017*

· Converts CSV files to XML files that are compatible with AIspace's Consistency Based CSP Solver

SKILLS

Programming Languages	Java, C++, Scala, C, Python, Octave, TypeScript, JavaScript, LaTeX, Bash
Frameworks/Libraries	Angular, Bootstrap, Node.js, Express, scikit-learn, TensorFlow
Software/Tools	Git, Arduino, EAGLE, GNU Octave, macOS, Ubuntu
Other	Amazon EC2, Mandarin Chinese (professional)
Interests	Mountaineering, Cooking