

WESLEY TIAN

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EDUCATION

University of Michigan

B.S. in Computer Science

Apr. 2019
Ann Arbor, MI

University of Massachusetts Amherst

B.S. in Computer Science & B.S. in Mathematics

Sep. 2015 - May 2017
Amherst, MA

GPA: 3.76 / 4.00

Courses: Programming w/ Data Structures, Programming Methodology, Computer Systems Principles, Reasoning Under Uncertainty, Intro to Computation, A.I., Calculus I, II & III, Linear Algebra, Game Theory

Edx.org / Coursera.org

Courses: Machine Learning, Learning How to Learn

EXPERIENCE

Fidelity Investments Inc.

Software Engineering Intern

May 2017 - Present
Merrimack, NH

- Working on NetBenefits web application

RaysHobby LLC

Intern

May 2016 - May 2017
Amherst, MA

- Designed, assembled and tested embedded circuits and home automation gadgets
- Invented product while working with Prof. Rui Wang on open-source software/hardware business
- Soldered components and developed firmware in C++ for Thermostat Pro

XuanLiang Co. Ltd.

R&D Intern

Jan. 2015 - Feb. 2015
Shanghai, China

- Tested and debugged Android games with over 1 million downloads
- Supported in conceiving new software features
- Collaborated in Java with 10 other team members while communicating in foreign language

PROJECTS

FashionFiltr

Web application · devpost.com/software/fashion-filtr

Apr. 2017
Amherst, MA

- 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
- Coded in 24 hours with 2 colleagues, won Indico sponsored prize and awarded a total of \$3000 in API credits

Thermostat Pro

Internet of things (IoT) & mobile application · github.com/wesleytian/thermostat-pro

Aug. 2016
Amherst, MA

- Detects room temperature and regulates it by controlling RF signal output sent to a remote power socket that your air conditioner or heater is plugged into
- Programmed firmware using C++, built using Arduino and spare components at RaysHobby's workshop
- Mobile app interfaces Thermostat Pro and allows user to monitor room temperature and schedule air conditioner or heater as well as control other settings
- Developed app using cross-platform hybrid Ionic framework for front-end and Blynk API for server

SKILLS

Languages

Frameworks & Platforms

APIs

Other

Java, C, C++, Scala, Python, Bash, HTML5, CSS3, JavaScript, Octave
Node.js, Ionic, AngularJS, Apache Cordova
jQuery, Blynk, Google Maps, Indico
Git, L^AT_EX, Mandarin Chinese