WESLEY TIAN

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EDUCATION

University of Michigan, Ann Arbor May 2019
B.S. in Computer Science

University of Massachusetts, Amherst May 2017
B.S. in Computer Science & Mathematics
GPA: 3.82 / 4.00

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

EXPRERIENCE

Fidelity Investments (Starting May 2017)
Technical Intern - Software Development *Merrimack, NH*

· Working on NetBenefits web application

RaysHobby LLC May 2016 - Present
Intern *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. Jan. 2015 - Feb. 2015
R & D Intern *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 Apr. 2017
Web application devpost.com/software/fashion-filtr *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 Aug. 2016 - Apr. 2017
Internet of things (IoT) & mobile application github.com/wesleytian/thermostat-pro *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	Java, C, C++, Scala, Python, Bash, HTML5, CSS3, JavaScript
Frameworks & Platforms	Node.js, Ionic, AngularJS, Apache Cordova
APIs	jQuery, Blynk, Google Maps, Indico
Tools	Git, LaTeX
Other	Mandarin Chinese