WEIHAN LI

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EDUCATION

Bachelor of Science in Carnegie Mellon University, Pittsburgh, PA	2017.8-Expected
Major in Discrete Math and Computation, Double Major in Computer Science, Minor in Human Computer Interaction	2021.5 GPA: 4.0/4.0
Early Development Program for Top Innovative Students at High School Affiliated to Renmin University of China, Beijing, China	2010.9-2017.7

COURSEWORK

Fundamentals of Programming and Computer Science	Mathematical Concepts and Proofs
Putnam Seminar	Vector Analysis
Linear Algebra	Principles of Imperative Computation
Principles of Functional Programming	Algebraic Structures

EXPERIENCE

Software Engineer Intern at Microsoft STCA-Ads Team, Beijing　　　　2018.5-2018.8

- o Analyzed correlation between data and anomaly detection to build counter analysis tool
- o Clustered data by description using Natural Language Processing and created web apps to visualize
- o Developed an auto-Direct Response Individual tool

PROJECTS

Computer Science Related

A **web app Smart Colors**, gives fashion advice and color combination suggestions from outfits captured in webcam	2018.7
My **Personal Website** designed and built independently	2018.5-Now
An **app *LogChat***, a chatroom for group work and can export nice formatting worklogs using Machine Learning, designed as a team in tartanhacks 2018	2018.2
A **Star-Trek Style 3D Chess**, added AI algorithms to enable one-player mode and multiple features	2017.11

Design and Innovation

A **Bike Safety Project**, researched on bike safety condition in St. Louis; designed a dodge man game to improve commuters' awareness of safety	2016.7-2016.8
A **Multifunctional Baby Chair**, improved functions of baby chair by combining with baby walker; received a Utility Model Patent	2015.9-2016.1
A **Campus Walkthrough System**, led a team to make a campus walkthrough system mobile app based on Augmented Reality realized by SketchUp to present 3D models and Unity to build the AR environment	2015.9-2016.5

SKILLS

SKILLS	LINKS
Language Mandarin (Native), English	github.com/ReedyHarbour
Programming C, Python, C++, HTML, CSS, JavaScript, Standard ML	linkedin.com/in/weihanl1/
Tools requests, Django, sqlite, pandas, numpy, jQuery, Panda 3D, Open CV, XML, git	
Applications LaTeX, Markdown, Adobe Photoshop, Adobe InDesign, Google SketchUp, Unity	

ACTIVITIES

Putnam Competition 2017 Ranked 255 out of 4,638

Puzzle Hunt of Fundamentals of Programming and Computer Science(15112) Ranked 3rd

Big Straw Magazine Design Team Member 2017.9-Now

MCS Dean's List, High Honors Fall 2017, Spring 2018

W.E. School Magazine Editorial, Associate Chief Editor 2015.9-2017.3