Tingting Fang

Austin, TX 78660

408-832-2928 · ceci.funn@gmail.com · linkedin.com/in/ceci-fang-246ba5100

Education

Oregon State University   August, 2022
Bachelor of Computer Science, B.S. Computer Science   GPA 4.0/4.0
George Fox University   2017
Master of Arts in Teaching, MAT   GPA 3.935/4.0
East China Normal University   2010
Bachelor of Arts in Chinese Teaching

RelevantCourse

- Data Structures, Analysis of Algorithms
- Operating Systems – *system calls and utilities, processes and interprocess communication.*
- Computer Networks – *Notions of security, cryptographic primitives and application, authentication and access control, key-management, malware and software security.*
- Computer Database – *design and implement database from relational schema, data manipulation, web-based relational database system*
- Cloud Application Development – *develop RESTful cloud service*
- Computer Architecture & Assembly Language (MASM) – *addressing, stacks, argument passing, arithmetic operations, decisions,macros, modularization, linkers and debuggers*

Projects

- ML–BREAKOUT: *A replica of Atari's Breakout and a neural net with reinforcement learning algorithms from Unity ML-Agents to play the game.*
- Small Shell - *write my own shell, implement a subset of features of well-known shells, such as bash*
- TraceRoute in Python - *sending ICMP echo messages to the same destination with increasing value of the time-to-live (TTL) field*
- Database Portfolio - *a vinyl store web-based database system*
- EndWorld - *Game Development (using Unity, C#)*

*Please see my projects via https://github.com/CcEeCcli

Skills

Python, JAVA, C++, C, MASM x86 Assembly Language, Javascript

Other Work Experience

2017 - 2020 classroom lead teacher at Yu Ming Charter School and Eugene 4J School District

2014 - 2015 Chinese Language Teacher at Shanghai Jiao Tong University

2012 - 2014 Business Developer at Tianhe Oil Group, 2010-2012 Executive Assistant at Louis Dreyfus Energy

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