Aiqi Cui

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA   May 2020
Bachelor of Science in Information Systems
Additional Major: Statistics & Machine Learning
GPA: 3.82/4.00   Dean's List Fall 2016 - Fall 2017

ACADEMIC PROJECTS

3D Runner Game: Broccoli Run   April 2017
- Selected for the top 10 list of a school-level hackathon involving 300+ people
- Implemented randomly rendered 3D map with barriers generated by pitch detection

Grubhub Database Re-engineering   Dec 2017
- Redesigned the conceptual and relational model of the Gubhub database
- Implemented the physical model and 10 queries based on innovative use cases

CoVM   Nov 2017
- Implemented a virtual machine that can turn C0 code into byte code and translates that into C code

Multiplayer Music Game: Natus   May 2017
- Designed a Pygame based music game with innovative rules and interface
- Learned and Used Aubio and Pyaudio for beat and pitch detection

Prantl's Bakery Website Redesign   April 2017
- Improved the visual hierarchy of the website
- Redesigned the interface and added user-oriented interactions using JavaScript

LEADERSHIP & EXPERIENCE

CMU Summit on US-China Innovation and Entrepreneurship, Pittsburgh PA   Sep 2017 - Present
Co-Founder & Head of Talent Pool
- Initiated Planned the implementation of the first Talent Pool Program in Carnegie Mellon
- Programmed and maintained the Talent Pool website and database
- Collaborated with 6 tech companies on online/offline talent recruitments in 3 monthes

Carnegie Mellon University, Pittsburgh PA   Jan 2017 - Present
Desk Services Attendant
- Served as the first point of contact for all members and guests
- Collaborated with staff members to maintain a clean and safe environment

Harvard Summit for Young Leaders in China, Beijing, China   Aug 2017
Executive Assistant
- Planned and coordinated major activities involving 600+ people
- Fostered and maintained an efficient material management system for the summit

Strong Women Strong Girl, Pittsburgh PA   Feb 2017 - Present
Mentor
- Led weekly mentoring session in Manchester Youth Development Center
- Encouraged girls to imagine a broader future through series of activities

RELEVANT COURSEWORK

Practical Data Science   Principles of Imperative Computation
Database Design and Development   Application Design & Development
Statistical Computing   Introduction to Probability Theory

SKILLS

Programming: Python, C, Ruby, R, Postgres SQL, Markdown, MongoDB, HTML, CSS, JavaScript
Tools: Git, Pandas, Scikit-Learn, TensorFlow, NumPy, Photoshop, Minitab