Henry Lin

CONTACT INFORMATION

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA　　　　　　　August 2017 – May 2021
BS in Electrical and Computer Engineering　　　(GPA 3.8/4.0) **Fall 17, Spring 18 Dean's List**
Courses Taken: Principles of Imperative Computation and Data Structures
Courses Taking: Intro to Computer Systems, Electronic Devices and Analog Circuits

PROFESSIONAL EXPERIENCE

Carnegie Mellon University 15112 Staff, Pittsburgh, PA　　September 2018 – Present
Teacher's Assistant

- Taught a Python course that introduces fundamental programming paradigms
- Fostered student learning through holding recitations, small groups, and one-on-one sessions that focused on the application of concepts learned in lecture
- Guided students struggling on course material or general studying strategies during office hours
- Demonstrated strong teamwork and communication skills by working with a staff of 40 TAs to support over 500 students

Huobi Global, Beijing, China　　　　　　　　　　　July 2018 – August 2018
Internship at Huobi Research and Huobi Labs

- Worked in the accelerator and research departments of a leading global cryptocurrency exchange
- Conducted interviews for new projects and analyzed their potential using SMARTChain
- Created a comprehensive research report on the technology and market of blockchain wallets
- Developed a strong understanding of the overall cryptocurrency industry and how a crypto exchange works

PROJECTS

Cat Café　　　　　　　　　　　　　　　　　　　November 2017

- Created video game using Python and Pygame module
- Used model-view-controller architectural pattern
- Coded pathfinding algorithm using A*
- https://youtu.be/qMxWG5NOO2E

Big Data Research Project　　　　　　　　　　　　February 2017

- Data mined Twitter and Altmetric Data using Python and SAS software to measure interest in scientific articles
- Concluded that medicine and health science articles are most popular among public, private and scientific sectors
- Article published in Stem Fellowship Journal

Sitto　　　　　　　　　　　　　　　　September 2015 – June 2016

- Online platform startup that allowed babysitters and parents to find their perfect match
- Implemented application workflow and user interface with human-centric design using HTML, CSS, and Javascript
- Ran A/B testing to optimize user experience using google analytics
- Platform won SAGE Canada's SRB Award, and participated in the SAGE World Cup

SKILLS

Programming Languages: C, C++, Python, Javascript, HTML
Tools: Git, Linux, SAS