Wayne Xun

2236 Sherman Ave, Apt L1, Evanston, IL 60201
(503) 804-3835 | WayneXun2017@u.northwestern.edu

EDUCATION

Northwestern University *Evanston, IL*
Robert McCormick School of Engineering and Applied Science Fall 2013 - Present

- Bachelor of Science in Computer Science, anticipated June 2017
- GPA (Major/Cumulative): 3.60 / 3.37

EXPERIENCE

Intel Corporation *Hillsboro, OR*
Lab Technician Intern (Technical Marketing) *Summer 2014*

- Analyzed OpenCL and CUDA GPU acceleration across platforms
- Independently created an automated multitasking graphics demo with an AutoIT script
- Presented systems scalability of Intel components at Intel Developer Forum 2014
- Designed and supervised a multi-system gaming demonstration of Intel integrated graphics competitivity with NVIDIA discrete graphics at Intel Developer Forum 2014

Martha Green Leaf Academy *Hillsboro, OR*
Math and Chess Teacher and Supervisor *Jan. 2013 – June 2013*

- Taught algebra and chess to classes of 5-10 elementary schoolers weekly
- Supervised larger groups of students in playtime activities and field trips
- Initiated proposal that ensured suitable student use of school computers and internet access

PROJECTS

Debug LCD (NU Solar) *Evanston, IL*
Creator *Sept. 2014 – Nov. 2014*

- Debug tool for a solar race car's CAN bus that displays debug values on an LCD screen
- Developed and implemented in C++ on an Arduino Due to dynamically update display
- Worked with Software team lead to adhere to project schedule and guide design

Atalantis (Wildhacks 2014 submission) *Evanston, IL*
Project Manager / UI Designer *Nov. 22, 2014*

- Proof of concept of Android App that orders online items when users reach fitness goals
- Implemented Zinc's and Paypal's API to automate purchasing

ORGANIZATIONS

Northwestern University Solar Car Team *Evanston, IL*
Finances and Procurement Manager *June 2013 - Present*

- Communicated with materials suppliers and university departments to submit purchase orders
- Oversaw multiple earmarked financial accounts

Mechanical and Software Team *Sept 2013 - Present*

- Retrofitted an upgraded suspension onto a carbon fiber chassis

SKILLS

Languages: C, C++, Arduino, AutoIT, Matlab, x86-64 Assembly
Tools: GDB, Windows, Unix, Github, Visual Studio, Microsoft Excel