Jason Wong

LinkedIn: /in/jasonwong94
GitHub: /jasonwong94
Contact: jaw.wong@mail.utoronto.ca
416-624-7250

Education:

Electrical And Computer Engineering,
University Of Toronto*, CANADA*

- Expected Graduation: 2017
- *Curriculum interests:* robotics and mechatronics; analog and digital circuits; and software

Experience:

Frontend Intern *(November 2015 – present)*
Adparlor, Adknowledge

- Enhanced and quality assured existing frontend applications using MarionetteJS and StickIt
- Assisted in releasing a new advertisement mockup generator
- Worked with Twitter and Facebook API

Software Developer *(May – September 2015)*
Desire2Learn, In-Market Excellence

- Developed front-end applications using Javascript libraries (NodeJS, Karma and Angular), HTML and SASS
- Collaborated and modified code with senior developers through GitHub, communicated with UI designer to help produce final product
- Implemented test cases to maintain quality of code

Research Assistant *(May – August 2014)*
University of Toronto, VLSI (Professor W.T. Ng)

- Developed a PCB testing board on CAD software to determine the relationship between the output and input current of an IGBT (isolated gate bipolar transistor)
- Understood practical applications of IGBTs for power electronics and electronics
- Designed PCB to assist in testing of gate-driver testing
- General understanding of HSpice for circuit simulation

Logistics Director *(May – August 2014)*
Undergraduate Engineering Research Day (UnERD) 2014

- Planned and managed event needs- catering, resource management and scheduling for research presentations and registration to an event hosting over 130 people
- Collaborated with other UnERD committee directors to ensure that information was prepared and published online in a timely manner
- Assisted with other UnERD directors in programming, website and marketing areas. These

Skills:

- ***Productivity***: Microsoft Office- Word, Excel, Powerpoint, Project, Visio; Rally, GitHub, GitLab, SVN, SourceTree
- ***Designer***: Google Sketchup, Adobe Dreamweaver, GIMP, Inkscape,
- ***Operating Systems***: Windows, Mac OS, Ubuntu/Linux
- ***IDE***: Netbeans, Eclipse, Visual Studio, Quartus II, Altera Monitor Program
- ***Programming***: C, C++, C#, HTML, CSS, SASS, Javascript, Shell/Terminal (Bourne)
- ***Analytical***: LTspice, Hspice, Matlab, MAX, SUE, Altium, Solidworks

Affiliations/Side Projects:

- *University of Toronto Robotics Association*: Combat and 3D printer
- *Spark Design Club*: Co-President (2015-16), Marketing and Webmaster (2014-15)
- *Sports:* Volleyball, hockey and basketball

include materials for the booklet- front cover, schedule and layout; poster advertisement of the event and suggestions to website design

Co-president *(May 2015 – Present)-* Spark Design Club

- Headed and engineered electrical and mechanical interactive displays around engineering buildings
- Coordinated and liaised with external third parties to help maintain club's budget and affiliation with engineering community
- Oversaw project planning and mentored club executives to fulfill design club missions and goals
- Acquired and taught hands-on skills with power and electronic tools

Team Member *(January 2014 – April 2014)- University of Toronto, Engineering Communication and Design*

- Implemented a storage server in C in a team of 3- creating and designing the interface, data structure, algorithm for query functions and communication protocol parsing
- Developed a server using some basic network knowledge learnt in class, evaluated performance and accuracy by running test cases and concurrency test
- Enhanced knowledge of C libraries and functions outside of programming class- strtok(), memset()
- Utilized SVN sub-repository to help manage and maintain collaborated code with other members

Team Member *(January 2013 – April 2013)- University of Toronto, Engineering Strategies and Practices (ESP)*

- Research and applied creativity to design solutions that can meet and optimize client's needs
- Produced concise, detailed and professional reports together as a group
- First semester solved a fictitious problem. Second semester involved a real client, requiring:
  - Project management and planning
  - Meetings and presentations between the client
  - Producing reports to the client