Arthur Yan

www.whatarthurdoes.com
hwayan@uwaterloo.ca
519-722-8743

4th Year Systems Design Engineering

SUMMARY

- Experienced in product development as software engineer
- Accomplished at transforming need and requirements in to working prototypes
- Passionate in producing outstanding client experiences through user-centered design
- Proven aptitude to quickly learn and apply new technologies

EDUCATION

University of Waterloo   Waterloo, Sep 2011 – Present

- Candidate for Bachelor of Systems Design Engineering, Co-op Education Program

Relevant Courses: Industrial Design, Human Factors, Data Structures & Algorithm

Lund University   Sweden, Jan 2015 – Present

- Studying abroad for five months

EXPERIENCE

Open Source Software Engineer   Datadog, New York, Sep-Dec 2014

- Part of the client integrations team; responsible for technical maintenance & updates
- Created brand new open-source tools such as Campfire Chat integration, SSL expiry check
- Redesigned UI and optimized processes of agent responsible for collecting billions of metrics
- Interacted with clients and solved technical issues based on feedback

Front End Developer   Genesys, Markham, Jan-Apr 2014

- Transformed UX designs in to custom CSS library forking Bootstrap
- Improved workflow efficiency by extending automated tools Bower and Grunt
- Utilized AngularJS to build reusable widgets such as customizable toolbar
- Created and architected sample application for all future products to use

Web Programmer   Rich Media, Toronto, Apr-Aug 2013

- Developed responsive websites and mobile apps for clients including Samsung
- Collaborated with designers to find design and technical solutions
- Participated as a Scrum team member in planning and implementation of projects

Quality Assurance Analyst   NexJ Systems, Toronto, Jan-Apr 2012

- Analyzed CRM mobile application executing QA tests and processes
- Wrote scripts to increase testing efficiency

TECHNICAL

Languages: JavaScript, Python, HTML5, CSS3, Angular, Bootstrap, jQuery,
Tools: Git/Github, MS Suite & Visio, Adobe Illustrator, AutoCAD, Sony Vegas

PROJECTS

Road Rage Mitigation   Waterloo, Dec 2014

- Acted as project manager in team of 5 engineers;
- Bio-sensor Product dedicated to detect road rage in order to diminish related driving accidents
- Utilized to detect anger-related symptoms including heartbeat, muscle tension

Buddy Up   MHacks, Jan 2014

- Web Application that finds other students nearby on campus to study together
- Built using node, HTML5, CSS3, JavaScript, bootstrap and MongoDB

226-GARBAGE   uXperience Design Camp, Nov 2013

- SMS driven solution to inform Stratford citizens of garbage collection information

HOBBIES

- National Level Ultimate Frisbee player
- Sports Representative of Systems Design Engineering
- Grade 10 Piano RCM Examinations