Arthur Yan

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4th Year Systems Design Engineering

SUMMARY

- Accomplished in software product development as front & backend engineer
- Experienced in creating low to medium fidelity prototypes from needs and requirements
- Passionate in integrating user-center designs in to software applications
- 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 as international student in LTH department

EXPERIENCE

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

- Part of the client integrations team; responsible for technical updates of open source tools
- Redesigned UI to improve user experience of agent responsible for collecting billions of metric
- Created brand new open-source tools such as Campfire Chat integration, SSL expiry check
- 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 Detector   Waterloo, Dec 2014

- Project manager role in 5 person team; involved in ideation to prototyping processes
- Bio-sensor integrated in to a car steering wheel in order detect road rage
- Following detection, music is utilized to diminish anger levels of driver

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
- Traveling and interacting with different cultures
- Grade 10 Piano RCM Examinations