Arthur Yan

4th Year Systems Design Engineering

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Summary

- Experienced in full product lifecycle including implementation, design, QA
- Proficiency in software development as front & backend engineer
- Ability to conceptualize and implement strong user-centric design
- Aptitude and desire to quickly learn and apply new technologies

BAsc in Systems Design Engineering   Sep 2011 – Present

University of Waterloo

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

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

Experience

Open Source Software Engineer   Sep-Dec 2014

Datadog, New York

- Responsible to connect client software to Datadog through open-source tools
- Utilized python to create integrations such as Campfire Chat integration, SSL expiry check
- Enforced product decisions based on client feedback and technical requirements
- Redesigned UI to improve user experience of agent responsible for collecting billions of metric

Front End Developer   Jan-Apr 2014

Genesys, Toronto

- Lead developer to transform UX designs in to custom CSS library forking Bootstrap
- Significantly 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   Apr-Aug 2013

Rich Media, Toronto

- Developed responsive websites and mobile apps with JavaScript, HTML5, CSS3
- Collaborated with designers to find design and technical solutions
- Participated as a Scrum team member in planning and implementation of projects

Quality Assurance Analyst   Jan-Apr 2012

NexJ Systems, Toronto

- Critically analyzed CRM mobile application through various quality assurance processes
- Wrote scripts to increase testing efficiency

Projects

Road Rage Detector
- 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 and diminish road rage

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

Extra

- Studying abroad in Sweden at Lund University (2015)
- Competitive Ultimate Frisbee with top 10 team in Canada
- Enjoys playing sports including soccer, volleyball, badminton