Andy Park

Systems Design Engineering

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Summary of Qualifications

Design: Human Centred Design, UI/UX Principles, Human Computer Interaction, User Research
Tools: Figma, InVision, Illustrator, Photoshop, InDesign, Trello, Atlassian Suite, Github
Web: HTML, CSS, JavaScript

Projects
Please visit ndpark.github.io to view my projects

Top Hat Redesign   Sep 2017
- Conducted user interviews to validate pain points and redesigned workflow through application of usability heuristics
- Used Figma along with Material Design guidelines to design a better UI

GRT EasyGo Redesign   May 2016, Sep 2017
- Evaluated and redesigned the GRT EasyGo Android app using Human Centred Design principles and methodologies
- Communicated and collaborated with team members to effectively plan out sprints using Google Sprint guidelines
- Used iterative design cycle to continually improve the design until all user requirements were satisfied

Chair Ergonomics Analyses   June 2016
- Assessed usability of a chair using anthropometric analysis, creating a possible solution to existing problem
- Made improvements to a repetitive task using methods such as hierchal task analysis and work breakdown structure

Experience

QA Intern   Q4 Inc   May 2017 - Sep 2017
- Designed and implemented automated UI test suites using TestNG, improving test times vs. manual by 35%
- Documented and updated over 100 test cases to ensure scalability of the test suites

IT Intern   MS Society of Canada   Sep 2016 - Dec 2016
- Improved workflow of tasks using Python, resulting in up to 90% increase in efficiency for certain tasks through automation
- Designed and modified online forms per spefications discussed with clients within the organization and usability guidelines

Outreach Developer   University of Waterloo   Jan 2016 - May 2016
- Developed, taught, and troubleshot lessons on Python3.5, and soldering for over 200 participants for events
- Reviewed and implemented engaging, hands-on workshops to promote positive STEM experiences to children

Extra Curricular Activities

Shadow Day Director   Engineering Ambassadors   Jan 2017 - Present
- Coordinated personalized tours for over 150 prospective students over two terms
- Revised automation code to improve efficiency for the matching proccess

Education

Candadidate for BASc, Honours Systems Design Engineering   Sep 2015 - Present
- Relevant Courses: Introduction to Design, Human Factors in Design, Digital Computations (C++)

Interests

Mentorship. Taekwondo. Pottery. HUGE foodie (check my blog out). Cheesy joke connoisseur