JEREMY
KIM

SYSTEMS DESIGN ENGINEERING

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DEVELOPMENT

React (JSX), HTML5, CSS3, JavaScript, jQuery, Bootstrap, C++, Python, Java, Espresso, Git, Bash, Charles Proxy, Android Studio, SolidWorks

SKILLS

UI/UX and product design, responsive design & development, user-centered design methodology, Agile

DESIGN

Photoshop, Illustrator, Sketch, InVision

EDUCATION

UNIVERSITY OF WATERLOO
Candidate for BASc,
Systems Design Engineering
(2015 - Present)

Relevant Courses:
Data Structures & Algorithms,
Digital Computation (C++),
Human Factors in Design

INTERESTS

Ukulele/guitar, Disney/Pixar

WORK EXPERIENCE

Web Application Developer | **Innovasium Digital**
September - December 2016 | Markham, ON
• Led the development of multiple core features for an application processing $1M of pharmaceutical drugs per year for leading companies
• Built powerful, reusable React components for client projects including a drag and drop site creator following Flux and Redux architecture
• Implemented rapid prototyping in React and HTML/CSS, leading to a 10% increase in deployment speed

Agile Test Engineer | **Pivotal Labs**
January - April 2016 | Toronto, ON
• Deployed 20+ Android JUnit4 functional/regression tests in Java using Google Espresso, covering smoke tests and login/signup flows
• Redesigned and constructed device signout application used daily by Toronto division, increasing traffic by 15%
• Discovered 15+ showstopper bugs using Charles Proxy to break major functions of apps, communicated issues with PMs/developers

Special Needs Aide | **York Support Services Network**
August 2014 - June 2015 | Toronto, ON
• Designed a curriculum to teach special needs students how to develop interpersonal relationships, use public transportation, and continue post-secondary education

RELEVANT PROJECTS

Focus | github.com/jeremyukim/focus-react
• Developed a React web application providing time tracking tools and a todo list to boost user productivity
• Applied user-centered design principles with material design guidelines to create an intuitive and attractive UI

Voluntel | Web Application
• Designed and prototyped a web application to connect individuals to volunteer opportunities using Photoshop/Illustrator, HTML/CSS

BloomBox | github.com/jeremyukim/bloombox-arduino
• Built an Arduino light sensing piano featuring an adjustable metronome and the capability to play chords using timers and interrupts

LinkedIn Redesign | Human Factors in Design Course
• Redesigned user interface of LinkedIn profile pages to minimize time spent scanning candidates, reducing average scan length by 20%
• Conducted heuristic evaluations and design walkthroughs/usability testing to compare prototype with current design