

CHRISTOPHER CHEN

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TECHNICAL SKILLS

Software Development

Java, C++, R, Python, C, HTML, CSS, JavaScript, Dr. Racket, Git

Design

Cinema 4D, Figma, Adobe Suite (Ps, Ai, Pr, Ae)

PERSONAL PROJECTS

PORTFOLIO WEBSITE

(Jun 2019)

DESIGNER, FRONT-END DEVELOPER || <https://kraytaps.github.io/>

- Developed a responsive portfolio website using HTML, CSS, and JavaScript
- Designed the UI using Figma

IMAGE COMPRESSION

(Apr 2019)

DEVELOPER (CPSC 221) || <https://github.com/kraytaps/cpsc221-image-compression>

- Implemented a lossy image compression algorithm using C++ that recreates images with a blocky effect
- Partitioned the pixels in space as a Quad Tree, where each square is divided into four more squares, stored in the node's children

XD HACKS,

VANCOUVER, CANADA

(Feb 9-10, 2019)

DESIGNER, DEVELOPER || <https://github.com/kraytaps/KENKO>

- Used React Native to develop an Android app that helps rheumatoid arthritis patients
- Generates reports of a patient's status and sends them to doctors via pdf format
- Allows patients to scan pharmaceutical drugs and add them to their list, where they can create medication reminders
- Scans food labels in order to inform patients of any allergens
- Sends patients reminders through SMS
- Designed the UI using Figma
- Won first place

UBC LAUNCHPAD,

VANCOUVER, CANADA

(Jan 2019 -)

DESIGNER, DEVELOPER || <https://github.com/kraytaps/soil-topARgraphy>

- Developed an Android app that allows students to learn about topographical effects on soil formation through the immersion of augmented reality
- Developed the app using React Native
- Designed the UI using Figma
- Developing methods to optimize the model rendering.

PROFESSIONAL EXPERIENCES

MICROSOFT,

JAKARTA, INDONESIA

(May - Aug 2018)

BUSINESS COMMUNICATIONS AND TECHNOLOGIES INTERN

- Developed a proposal directed towards local universities on the possible integration of Microsoft Azure in managing big data and facilitating machine learning in their educational curricula
- Shadowed and attended meetings and talks with the National Technology Officer and Software Asset Management and Compliance Director
- Self-learned Azure's technologies and analyzed big data and machine learning case studies

STUDIO UBUD,

JAKARTA, INDONESIA

(Mar - May 2017)

CHARACTER AND ANIMATION DESIGN INTERN

- Developed still frames in preparation for animation using Adobe Photoshop
- Created animation sequences using Adobe After Effects
- Sketched and colored characters for animation using CorelDRAW