Yu Chen Hou

me@yuchenhou.com
(226) 606-6134
yuchenhou.com
github.com/icechen1

Work Experience

Software Developer

Jan - May 2016
New York City

- Implemented several premium features (Confide Plus), in app purchase, and new onboarding flow. Was responsible for the Android client
- Rewrote Android client to comply with Android 6.0 permission model and migrated to RxAndroid
- Wrote new features on the backend (Go) and desktop client (Electron/React)

Android Developer

May - Dec 2015
Waterloo, Ontario

- Implemented new features including floating chat, user referral system, and a new phone dialer
- Redesigned app UI/UX for TextNow Wireless
- Handled every step in the application development lifecycle, including deployment and coordinating with the design team and QA

Projects

Android App Development

- Published 15 Android apps and games on the Play Store, with over 3 million users across all apps
- 4 years of experience with Android development; 6 open sourced apps and libraries on GitHub

Selected apps:

Rewind: A recording app that passively listens in the background, saving the last moments into an audio buffer for later retrieval with over 15 000 users worldwide

SleepyTime: A sleep planning and scheduling application for Android, used by over 600 000 users worldwide

Notable: A lightweight reminder app that makes use of the Android notification area, used by over 300 000 users worldwide

Web Development

TechTanks: A programming game designed to teach Ruby to high school students in a fun environment. Written in Ruby on Rails, Redis Paper.js

l33tHacker: A hacking simulator game written in Vue.JS as part of Global Game Jam

Skills

Mobile Development
Android, Web hybrid, Ionic
Web Development
Javascript ES6, Sass, Angular, jQuery, React, Vue
Backend Development
Ruby on Rails, Node.js, Go, SQL, MongoDB
Design
InDesign, Photoshop
Multilingual
Java, Python, Ruby, C++, C, Javascript, Kotlin

Education

Software Engineering
Bachelor of Software Engineering (Hons), 2B, 2019
University of Waterloo

Initiatives

Tech Retreat

- Co-founded and organized Canada's first high school hackathon and learnathon.
- Handled various part of logistics for an event for 200 students
- Led the effort to design and develop TechTanks, an online game to teach inexperienced students Ruby

TerribleHack

- Co-founded TerribleHack, a triannual comedy hackathon centered around making useless hacks.