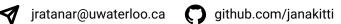
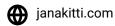
Janakitti Ratana-Rueangsri







EXPERIENCE

DarwinAl | Fullstack Developer ☐ Jan 2021 - present

 Working on COVID-Net initiative to integrate hospital PACS (Picture Archiving and Communication System) server with React web app

Providius Corp. | Software Developer May 2020 - Aug 2020

- Built an Angular app using Python, Flask, and Socket.io to serve as a UI for Linux Traffic Control, making it more accessible to test network products
- Reduced average CPU usage of a large-scale web app by 24% and enabled seamless integration with third-party vendor apps by developing a custom browser in C++, using Qt and Chromium **Embedded Framework**

PROJECTS

Linklist | Create elegant landing pages ☐ Dec 2020 - present

- Built a **React** and **Next.js** web app for creating mobile-friendly landing pages to list social links and custom widgets
- Developed a REST API using **Express** and integrated **MongoDB** for storing and updating user data
- Implemented authentication/authorization using JWT and email verification using nodemailer

Virtrolio | Yearbook Signing during COVID-19 May 2020 - present

- Worked in team of 7 to create a web app for students to sign yearbooks virtually during COVID-19 using Angular, TypeScript, and Bootstrap
- Integrated Firebase Cloud Firestore to allow users to privately sign and receive customized yearbook messages
- Led the design of the overall product UI/UX, incorporating feedback from beta testers

FedoraField | Unity Video Game

Oct 2019 - Mar 2020

- Developed a **C# Unity** game in which players interact with enemy projectiles by putting them into gravitational orbit
- Implemented audio track mixing that responds to player actions, creating an adaptive soundtrack for a unique experience

SKILLS

Languages

TypeScript • JavaScript • HTML • CSS/SCSS · Python · C · C++ · SQL

Frameworks/Tech

React · Angular · Bootstrap · Express · Jest • Flask • MongoDB • Firebase • Qt

Tools

Git · Bash · Jira/Confluence · Unity · Figma · Adobe Illustrator

ACTIVITIES

Hacker Growth Director

Waterloo EngSoc '21

- Coordinating mentorship & workshops for UWaterloo's annual EngHack hackathon
- Managing hacker applications and acceptances

Hacker + Mentor

Hack the North '18, '19, '21

Competed in and mentored others at Canada's biggest hackathon

EDUCATION

B.Sc. Software Engineering

University of Waterloo 2019-2024

INTERESTS

- Machine Learning (currently enrolled in Coursera course)
- UI/UX and Logo Design
- Filmmaking and Animation
- Guitar
- Volleyball