





# Janakitti Ratana-Rueangsri

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## EXPERIENCE

### DarwinAI | 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