

# TAI GROOT

Silicon Valley

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## EXPERIENCE

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Cellpoint Systems: Software Developer 2019 to present

- Golang, GCP, SaltStack, NATS, shell scripting, Docker (& docker-compose) + Kubernetes (K3s), Git, Atlassian Site Admin, Fleet Management, NodeJS

McKinley Equipment: IoT Engineer—2016 to 2018

- Python, Java, Bash, NodeJS, and C; Hybrid App Development, SaltStack, ThingWorx, Docker, ArrowConnect, Jira + Confluence Site Admin

Gosu Solutions: Software Development Consultant—2014 to 2016

- Developed Raspberry Pi-powered monitoring systems; Linux admin, turnkey IoT solutions from concept to PCB to Installation

Thoozl, Inc: Tech Lead—2017 to 2019

- Leading development of Thoozl, the Social Media Debate Platform. Designed system architecture; led development on platform. Tech stack includes: Golang, VueJS, Quasar, AWS Lambda + API Gateway, DynamoDB, S3, Route53

Freelance Work—2013 to present

- Web design and development, backend server architecture design, web hosting solutions and domain management, cross-platform desktop application development (Electron; Qt), Open Source contrib

## DEV ENVIRONMENT

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**Languages and Technologies I Use Frequently:**

- AWS, Bash/Shell, C, C++, GCP, Golang, Linux, Node.js, SaltStack Python, Wireguard

**Frameworks/Packages:**

- BitBake, Bootstrap, Cobra, Cordova, Electron, Flask, Ionic, Quasar, React, Viper, Vue

**Favorite Tools:**

- Archlinux, Bash, Bitbucket Pipelines, croc, Docker, Git, GPG, i3wm, tmux, make, Nginx, Vim

## SCHOLARLY WORK

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Amirtharaj, I., Groot, T. & Dezfouli, B. J Ambient Intell Human Comput (2019).

<https://doi.org/10.1007/s12652-019-01197-2>

## OTHER INFORMATION

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- Eagle Scout, BSA
- Spanish language (conversational)
- I have a passion for everything FOSS. I would love to work somewhere I can submit patches to help the software community as a whole
- I often livestream open-source portions of my development on Twitch. [Follow me here.](#)

References available upon request.