サミュエル・フロスト

Samuel Frost

Email: samuelfrostcontact@gmail.com

Location: 〒155-0031 東京都世田谷区 (Tokyo, Setagaya city)

WORK EXPERIENCE

Web Application System Developer - *e-Grid*　　　　　　　　　　　Jun 2018 – current

- Developing an electronic-engineer-oriented website using **Ruby on Rails** framework as part of an **agile** team for a large organization with $4 billion+ total sales volume.
  This project uses a **Linux OS** hosted via **Amazon Web Services**, multiple **mysql** database engines including MyISAM**,** InnoDB, and mroonga and a variety of **ruby** gems and **JavaScript** libraries.
- Set up and manage **VM** development environments using **Vagrant** and **EC2**
- Manage version control using the **git**-flow branching model
- Plan and document for features in **Japanese** as a part of an **agile** team
- Resolve bugs, security, and other maintenance issues
- Review peers' merge requests on **GitLab**
  <u>Notable achievements</u>
- Implemented over 100 features, ranging from improving search efficiencies to redesigning the site front page
- Discovered and resolved a security risk which was exposing passwords and personal information of users while working on a separate new feature

General Contractor - *Real estate (Self employed)*　　　　　　　　Jun 2016 – Oct 2017

- Made investment decisions for real estate ventures
- Hired and worked with contractors to complete construction projects
- Created 3d models for purposes of obtaining permits and clarifying plans

Support Agent - *Pole To Win International*　　　　　　　　　　　Mar 2015 – Oct 2015

- Handled 30-80 customer inquiries per day related to product content and technical issues
- Created weekly customer feedback reports from social media sites and reviews

EDUCATION

University of Texas at Austin　　　　　　　　　　　　　　　　　Aug 2012 – Dec 2014

Graduated with a BA, Asian Cultures & Languages with a focus in Japanese language

Minor: Business

Elective courses taken in computer science and education

OTHER PROJECTS

University tech seminar speaker/organizer
- Created and delivered seminars to introduce Japanese university students to IT

Intern training
- Taught two Japanese interns with no prior programming experience to be able to understand and make use of html, javascript, css, ruby, the majority of the core features of ruby on rails (models, views, controllers, migrations, table relations), and basic console commands (Windows, centos7, rails commands)

Small web API (PHP)
- Developed an API for recording data from a network of monitoring devices with a website interface for users to further process the data.
  This project used a LAMP stack (Linux, Apache, MySQL PHP) with FuelPHP Framework on a Vagrant virtual machine.

Video game macro (Pascal)
- Developed player emulating macros to produce in-game currency on a popular MMORPG. The macros were developed with Pascal. They had screen interpreting and bot detection avoidance capabilities and produced in-game currency at approximately 400% the average rate of a typical experienced player, and approximately 1000% of other popular macros available at the time.

RELEVANT INFORMATION

About me: As an engineer, I have a passion for creating code architecture that keeps functionality intuitive and reusable. I constantly ask myself if the way I'm doing things is the right approach and make strong effort to keep to coding, business, and design best practices. I also love talking about technical and complicated topics; thanks to this I often find myself organically collaborating with colleagues on their tasks, projects, or training.

Proficient software skills: *Git, Ruby on Rails, JavaScript, HTML, CSS, PHP, C#, Python, Pascal, Linux, AWS, EC2, DynamoDB, MySQL, SQL, Groonga, Vagrant (Virtual Machine Box management), Google SketchUp (CAD program), Unity*

Languages: English (Native), Japanese (Fluent speaking & listening / Business level reading & typing)

Work eligibility: US Citizen. Working visa in Japan (Engineer / Specialist in Humanities / International Services).