

Taehun Kim

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Professional Experience

NBC Sports Engine, Minneapolis, MN

June 2015 – Dec 2017

Software Engineer

sportsengine.com

- Developed platform for youth sports, evolved the existing system applications and architecture in various areas as needed.
- Experienced in design and develop short term projects, collaborated with product owner and UI/UX team to define system functional and nonfunctional requirements.
- Developed and maintained Content Management System (CMS) for Sportsengine users using Ruby on Rails with agile development process.
- Was responsible for backend of CMS, occasionally handle frontend work using JavaScript, CSS.
- Tools: Ruby on Rails, Node.js and AngularJS, ActiveRecord

MAST Laboratory, Minneapolis, MN

Apr 2013 – Dec 2013

Student Developer

nees.org

- Developed software for NEES (Network for Earthquake Engineering Simulation) that automatically gathered and transferred experiment data from monitoring devices to a central server.
- Designed and developed client/server and client web interface from concept to initial release.
- Tools: Java, HTML, JavaScript, PHP

Projects

Culling Enterprise, Lakeville, MN

Dec 2017 – Present

Technical Co-Founder

github.com/tk0221/mining_project

- Determining technical infrastructure from hardware selection to software optimization for 50 mining machines. Building cryptocurrency mining facility that currently generates 7700MH/s for Ethereum mining.
- Creating scripts to automate each machine and developing a monitoring tool to gather machine performance and mining operation metrics.
- Modified rom in GPU bios to perform 20% faster than original rom, resulting in an increase in performance and profits.
- Tools: Ruby, Node.js, bash, batch

Ellaism, Open Source Project

Dec 2017 – Present

Developer

github.com/ellaism

- Collaborating with the Ellaism community by contributing code and participating in dev meetings, and reviewing EIPs (Ellaism Improvement Proposal) as a member of the developer community.
- Customizing myellawallet repository forked from myetherwallet to improve UI and provide translated text for Korean users.

Education

The University of Minnesota, Minneapolis, MN

Dec 2013

Bachelor of Science in Computer Science, System track

- Operating System
- Advanced Algorithm and Data Structure
- Introduction to Distributed System
- Parallel and Concurrent Programming

Skills

Languages: Ruby on Rails, HTML, Java, Python

Tools: Git, Bash, Batch script, Linux, OSX, Jira