

# Taehun Kim

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## Professional Experience

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| <b>NBC Sports Engine</b> , Minneapolis, MN  | June 2015 – Dec 2017                                    |
| Software Engineer   | <a href="https://sportsengine.com">sportsengine.com</a> |
| <ul style="list-style-type: none"><li>– Developed platform for youth sports, evolved the existing system applications and architecture in various areas as needed.</li><li>– Experienced in design and develop short term projects, collaborated with product owner and UI/UX team to define system functional and nonfunctional requirements.</li><li>– Developed and maintained Content Management System (CMS) for Sportsengine users using Ruby on Rails with agile development process.</li><li>– Was responsible for backend of CMS, occasionally handle frontend work using JavaScript, CSS.</li><li>– Tools: Ruby on Rails, Node.js and AngularJS, ActiveRecord</li></ul> |   |
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| <b>MAST Laboratory</b> , Minneapolis, MN  | Apr 2013 – Dec 2013                                     |
| Student Developer   | <a href="https://nees.org">nees.org</a>                 |
| <ul style="list-style-type: none"><li>– Developed software for NEES (Network for Earthquake Engineering Simulation) that automatically gathered and transferred experiment data from monitoring devices to a central server.</li><li>– Designed and developed client/server and client web interface from concept to initial release.</li><li>– Tools: Java, HTML, JavaScript, PHP</li></ul>  |   |

## Projects

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| <b>Culling Enterprise</b> , Lakeville, MN  | Dec 2017 – Present  |
| Technical Co-Founder   | <a href="https://github.com/tk0221/mining_project">github.com/tk0221/mining_project</a> |
| <ul style="list-style-type: none"><li>– 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.</li><li>– Creating scripts to automate each machine and developing a monitoring tool to gather machine performance and mining operation metrics.</li><li>– Modified rom in GPU bios to perform 20% faster than original rom, resulting in an increase in performance and profits.</li><li>– Tools: Ruby, Node.js, bash, batch</li></ul> |   |
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| <b>Ellatism</b> , Open Source Project  | Dec 2017 – Present  |
| Developer  | <a href="https://github.com/ellatism">github.com/ellatism</a>                           |
| <ul style="list-style-type: none"><li>– Collaborating with the Ellatism community by contributing code, participating in dev meetings, and reviewing EIPs (Ellatism Improvement Proposal) as a member of the developer community.</li><li>– Customizing myellawallet repository forked from myetherwallet to improve UI and provide translated text for Korean users.</li></ul>  |   |

## Education

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| <b>The University of Minnesota</b> , Minneapolis, MN  | Dec 2013  |
| Bachelor of Science in Computer Science, System track   |   |
| <ul style="list-style-type: none"><li>– Operating System</li><li>– Introduction to Distributed System</li></ul> | <ul style="list-style-type: none"><li>– Advanced Algorithm and Data Structure</li><li>– Parallel and Concurrent Programming</li></ul> |

## Skills

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Languages: Ruby on Rails, HTML, Java, Python	Tools: Git, Bash, Batch script, Linux, OSX, Jira
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