Woo Hyun An

New York, NY · nickanism@gmail.com · +821050648783 · nickanism.com

EDUCATION

Emerson College   Boston, MA
BA Visual & Media Arts   August 2010 - August 2014

PROJECTS

10K Hours *JavaScript, MERN stack, Redux*   master10k.me
A passion project. This web application aims to gamify the long grind of learning and training skills to make it more rewarding. Users can set their main objectives and sub-objectives with target time. It helps them keep track of their progress visually by adding to the progress of each Pomodoro or stopwatch session.

EXPERIENCE

Tradir.io - a collaborative CRM solution designed for global traders   Seoul, South Korea
Backend Software Engineer - Python & Django Rest Framework   January 2021 - September 2021

- web app development with agile methodology

- improved the trading report/analysis feature's speed by 12%, minimizing the number of database queries

- made over 180 pytest unit testing modules of API views, model methods, and more

- actualized data recovery for 3 central applications in the project by implementing soft-deletion and cascading-soft-deletion functionality via recursive strategy

- improved user productivity by 20% with the new feature of directly copy & pasting attachment files from the card (ticket) to email with a single button

- reinforced the architecture of 2 core apps with object-oriented client interfaces

- reduced 27% of bugs (based on Sentry statistics) in the email-related application of the project by refactoring vanilla Python into stateful components using type hints and mypy

- teamed with front-end developers to coordinate foundational guidelines for new software engineers

Hodosoft - a startup that drove TodayShift: one of the top shift planners   Seoul, Korea
Backend Software Engineer - Python & Django Rest Framework   September 2020 - January 2021

- inserted national holiday data for all over 30 countries, implementing Google API

- set up AWS Lambda & CloudWatch cron job for detailed weather forecast from public APIs that cover 2079 regions in South Korea

- integrated a Korean news feature that updates every 10 minutes using Django template and Android webview

- built the schedule sharing feature where you can see your friends' and coworkers' shifts

- applied an object-oriented-programming design pattern (Factory) and modularized tangled codebase via limiting module size under 20 lines to raise developers' productivity

- self-started UI/UX enhancement of admin pages at all spare moment

- spearheaded the globalization of TodayShift which increased user base by 8% in 6 weeks

- directly communicated with English speaking users in order to define priority target customers

PSR Media - AI image search platform for fashionistas   Seoul, Korea
Intern - Python and Django   June 2020 - July 2020

- created 5 APIs, collaborating with the AI division, that showed similar products to which the models are wearing in uploaded image files and URLs in 10 seconds

- developed a web scraping script in Python that downloaded over 4000 fashion items

SKILLS

Software Development:	JavaScript (proficient), MERN, Python (proficient), Java (experienced), Linux
Languages:	Korean, English
Extra:	Video Production, Avid Media Composer, Photography, Premier Pro