

Byoung Hun (Brian) Min

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EDUCATION

University College London

- MEng Computer Science

Expected Graduation June 2021

WORK EXPERIENCE

Software Developer @ Tony's Elite Coding Academy

June – September 2019

- Built a cross-platform hybrid application that allows coding instructors to remotely teach students from various academies in Seoul through a group chat that allows screen sharing with remote control access and voice chat
- Integrated WebRTC with React for peer to peer streaming and data transmission
- Implemented a REST API with Django Rest Framework and set up Websockets (Django Channels) as the signalling server for WebRTC
- Set up the production server on Ubuntu with Docker and NGINX as a reverse proxy for HTTP and three WebSocket server instances
- <https://www.tonyscoding.com>

Web Developer @ Maplace

October 2016 – June 2017

- Created a responsive landing page for Maplace to attract investors
- Integrated Paypal payment system for Maplace pre-orders
- <http://maplace.co>

PROJECTS

UCL Korean Society Website

August 2019

- Created the UCL Korean Society official website: <http://www.uclks.org>
- Key features include: forum, anonymous Q&A board, events and announcements.
- 2016: Built an MVC web framework from scratch using PHP and MySQL
- 2019: Used Laravel to re-build the website

Shopping (E-commerce) Platform

July 2017

- Used NodeJS (ExpressJS) framework to build a fully functional e-commerce platform.
- Integrated Stripe API for handling the payment system.
- shoppingplatform.herokuapp.com

Reference Checker Web Application

January 2016

- One-week team project involved building a web application (a reference list manager) and automate its deployment to a virtual machine.
- Used three Azure virtual machines: one for production, one for staging and one for Jenkins.
- Built the full web application – using RubyOnRails and SQLite3.
- Wrote unit tests for the basic functionalities and tested the automatic deployment system through Git.

More details of my projects can be found on: <http://bymi15.github.io>

ACTIVITIES

Programming Tutor

IT Director at UCL Korean Society

Current

2015 – 2017

SKILLS

Java, C/C++, Python, Django, React, HTML/CSS/JS, PHP (Laravel), MySQL, MongoDB, Ionic