



# BYOUNG HUN MIN (BRIAN)

SOFTWARE ENGINEER



London, United Kingdom



bymi15@yahoo.com

## LINKS

### Website:

<https://brianmin.com>

### Github:

<https://github.com/bymi15>

### LinkedIn:

<https://linkedin.com/in/bymi15>

## SKILLS

GO

JAVASCRIPT / TYPESCRIPT

JAVA

PYTHON

REACT

NODE JS

DJANGO

HTML / CSS

MYSQL, POSTGRESQL

MONGODB

AGILE / SCRUM DOCKER

KUBERNETES

JENKINS

UNITY

## ACTIVITIES

### SENIOR PROGRAMMING TUTOR

UCL

Sep 2020 - Apr 2021

### PROGRAMMING TUTOR

UCL

Sep 2019 - Apr 2020

### IT DIRECTOR

UCL Korean Society

2016-17, 2019-20

## WORK EXPERIENCE

### AMERICAN EXPRESS

London

Nov 2024 - Present

#### Senior Software Engineer

- Mentoring and leading a team of engineers to build and maintain internal UI applications with React, Typescript and NodeJS
- Spearheading system architecture design for new initiatives

### AMERICAN EXPRESS

London

Jun 2022 - Nov 2024

#### Software Engineer

- Set the foundations for UI development by publishing best practice guides and onboarding documentation
- Resolved production issues involving hotfix deployments and PostgreSQL remediation scripts
- Recipient of the 2024 Centurion Award for outstanding achievements and leadership over the year

### AMERICAN EXPRESS

London

Sep 2021 - Jun 2022

#### Technology Graduate Engineer

- Worked on event-driven microservices at scale with Go, Kafka, Kubernetes, BDD and automated testing

### AMERICAN EXPRESS

London

Jul 2020 - Aug 2020

#### Summer Technology Intern

- Built a UI module with predictive search dropdowns, collapsible panels, infinite scrolling and lazy loading to improve UX

### FLOWVERSE

London (remote)

Mar 2023 - Present

#### Technical Advisor / Lead Developer (contract)

- Built the Flowverse NFT marketplace and smart contracts on Flow blockchain with React, NodeJS, Python, MongoDB and Cadence
- Built the Color NFT marketplace on Story blockchain with React, Go, MongoDB and Solidity
- Built an EVM-chain indexer, event processor and scheduler to drive the backend system for the NFT marketplace

### TOPOLAR

Seoul

Jun 2019 - Sep 2019

#### Software Developer (contract)

- Built a cross-platform application that allows instructors to remotely teach students through real-time screen sharing
- Integrated WebRTC and Websockets with React, Electron and RobotJS for real-time screen sharing, remote desktop control and voice chat
- Created a REST API with Django Rest Framework and deployed on Ubuntu dedicated server with NGINX, Docker

## EDUCATION

### UNIVERSITY COLLEGE LONDON (UCL)

2015~2021

#### MEng Computer Science

Graduated with First Class Honours

Interrupted study between 2017~2019 to serve national duty in the Republic of Korea Marine Corps

## PROJECTS

Open-Source Project  
Oct 2020 - Present

#### react-edit-text

- Created and actively maintaining an open-source project that provides a lightweight editable text component for React
- 4500K+ weekly downloads, 325K total downloads on NPM

Master's Project  
Sep 2020 - Apr 2021

#### Uniworld

- Built a 3D real-time virtual space platform for university events
- Used Unity, C#, React, Azure, and Serverless NodeJS

Core Features:

- Real-time communication and interaction via animated avatars
- 3D embedded presentation slides
- Customisable environments via 360-degree images and videos

Personal Project  
Nov 2020

#### Job Trackify

- Built and deployed a platform where users can manage and organise job applications, notes, and interview processes in an interactive Kanban board
- Used React, Typescript, Redux, NodeJS, Express and MongoDB
- Open-sourced boilerplate code for the backend stack