

# MICHAEL (BYUNGCHAN) LIM

111 Dryden Road, Ithaca, NY | 607-280-3939 | [bl458@cornell.edu](mailto:bl458@cornell.edu) | <https://github.com/bl458>

## EDUCATION

### **Cornell University | B.S. in Computer Science (May 2022)**

**Ithaca, NY**

- **Major GPA:** 3.0 (Dean's List in College of Engineering 2016, 2018)
- **Relevant Coursework:** Machine Learning and Data Science, Database Systems, Introduction to Natural Language Processing, Data Structures and Functional programming, Computer System Organization and Programming

## TECHNICAL SKILLS & INTERESTS

### **Languages**

- Proficient: Python, Java, JavaScript
- Familiar: OCaml, R, SQL

### **Technology**

- Proficient: React, React Native, TypeScript, HTML, CSS
- Familiar: Node.js, Nest.js, Redux, Firebase, AWS, Linux, TypeORM, Git, Docker, Express

**Interests:** Full Stack Development, Machine Learning, Natural Language Processing

## WORK EXPERIENCE

### **Full Stack Developer – Talentium Inc.**

**Seoul, Korea**

AI hiring platform that connects companies and software engineers (Joint project with Samsung and WeWork)

Jul 2020 – Dec 2020

- Collaborated with a xfn team of backend, frontend, and UI/UX engineers on a real-time talent recommendation feed for mobile HR users
- Built a mobile scheduling UI that enabled HR users to efficiently schedule interviews with talents without the hassle of emails
- Designed and implemented the portion of mobile app backend which automated job offers made between HR and talent users
- Cooperated on the company landing page and enabled cross-browser compatibility (<https://talentium.com/recruitment>)
- React Native, Nest.js, Typescript, TypeORM, AWS, React, Firebase, and Git

### **Combat Engineer (Squad Leader) – Republic of Korea Army**

**Gangwon-do, Korea**

Sergeant

Sept 2018 – May 2020

- Led mock obstacle emplacement and removal missions as squad leader near the DMZ using anti-personnel and anti-tank mines

### **Frontend Developer Intern – DreamSquare**

**Palo Alto, CA**

Big data career recommendation platform

Jun 2016 – Aug 2016

- Created an admin webpage, which uses a real-time notification system that monitors DreamSquare's web crawling servers
- Built Dreamsquare's landing page by collaborating with a xfn team of PM, designer, and developers
- HTML, PHP, Javascript, CSS, and Git

## PERSONAL PROJECTS

### **MemeFactory Web App**

Dec 2020

- Worked on a full-stack mobile app that spits out random memes from an image server and lets users post and share their own memes
- Implemented secure login with bcrypt, crypto and integrated a SQL database connected to the AWS s3 cloud server for storing memes
- Enhanced user experience by creating a meme feed with infinite scrolling, boosted by a lazy loading of memes and use of lightweight image placeholders constructed by the BlurHash algorithm
- Applied Redis to enable server-side caching for feed-related client-side requests
- React Native, Nest.js, TypeORM, MySQL, Git

### **JPLearn Web App**

Jun 2020

- Developed a website using React with a RESTful express backend server allowing users to interactively learn Japanese kanji by consuming Japanese subbed media content and effortlessly storing unfamiliar kanji during watch for later review.
- React, Express, Node.js, MySQL, Git

### **Cornell Electric (Big Red Hackathon)**

Sept 2016

- Designed and implemented the frontend of a website to monitor Cornell's electricity use and interactively display usage data in the form of a heatmap of the entire campus (Collaborated as a team in the Cornell Big Red Hackathon)
- Crawled data from Cornell's energy statistics website using Python and flask
- HTML, CSS, Javascript, flask, jQuery, Google Maps API, Git

## AWARDS & CERTIFICATES

### **JLPT N1 Qualifications (Japanese Language Proficiency Test)**

Dec 2019

## OTHER

**Languages (4):** Korean (Native Proficiency), English (Native Proficiency), Japanese (Professional Working Proficiency), Spanish (Limited Working Proficiency)