

Joseph Kim

Interested in developing business-oriented, scalable applications.

(704) 773-8344
thejykim1@gmail.com
github.com/thejykim

EXPERIENCE

Crossent, Seoul — *Data Architect*

JUN 2020

- Prototyped an immersive model for COVID-19 outbreaks in Daegu, South Korea, with an early-response notification system
- Programming stack included Unity frontend (C#) and Node.js/PostgreSQL backend with SocketIO

Duke University, NC — *Lab Technician*

JUN 2018 - FEB 2019

- Facilitated a network of daily neurobehavioral tests
- Architected collected data into convenient, uniform structures for data analysis

EDUCATION

The University of North Carolina - Chapel Hill — 3.68 GPA

FALL 2019 - PRESENT

Computer Science (B.S.) expected '23 or earlier

PROJECTS

Panko — *pankoapp.com*

ANGULAR, NODE.JS, GCP FIRESTORE

A productivity app that makes research-backed recommendations using observed user behavior over time. Built to be 100% scalable and implements a CI workflow with GitHub Actions.

IntelliNote — *intellinote.io*

JAVASCRIPT, PHP, MYSQL

Enables musicians with a powerful music creation kit. Developed a standalone social networking system, powered by Google OAuth.

Portfolio — *thejyk.com*

A personal landing page with updated links to all programming projects.

SKILLS

Applicable knowledge of several prominent web programming stacks (MEAN, LAMP)

Moderate experience with modern workflows (CI/CD, scrum)

Proficient in communicating clearly and operating within a team

COURSES

Algorithms and Analysis

Data Structures

Linear Algebra

Computer Organization

Models of Language and Computation

Discrete Mathematics

AWARDS

2nd Overall at the World Music Hackathon 2.0. See IntelliNote under Projects for the submission.