

Su Min Kim

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EDUCATION

Rutgers University – New Brunswick

SEPT 2018 - MAY 2022

Honors College, Dean's List
GPA: 3.87

B.S. in Computer Science
Minor in Biology

Relevant Coursework (* for Fall 2020):

- *Algorithms
- Computer Architecture
- Data Structures
- Discrete I and II
- Linear Algebra
- *Principles of Programming Languages

LANGUAGES & FRAMEWORKS

Languages

Java, C, JavaScript, PHP, HTML/CSS,
*Python, *Swift
*currently learning

Frameworks

Node.js/Express.js, React Native, Flask

PERSONAL PROJECTS

SocialTracker

JUNE 2020 | View demo [HERE](#)

React Native mobile app that monitors a user's social time budgeting in various social circles. Used **MongoDB** and **Node.js / Express.js** for backend.

Bloom

JULY 2020 | View demo [HERE](#)

Swift mobile app that allows users to test their flower knowledge and classify flowers using machine learning. Used **Realm** and **CoreML**.

WORK EXPERIENCE

Cyberlearning Innovation and Research Center

SOFTWARE ENGINEERING INTERN, RUTGERS UNIVERSITY | JUN 2020 - AUG 2020
MAY 2019 - AUG 2019

- Project lead for building a website using **PHP** and **MySQL** that facilitates a joint homework, attendance, log-in, and emailing system for Rutgers's Language Exchange Program.
- Expanded the web system for 2 incoming language programs: Language Mentoring, a language mentoring service, and Language Bank, a translation and interpreting service provided by the Rutgers community for local residents.
- Website is currently used each semester by ~100 students and ~20 faculty members. This number is expected to triple next semester.

Center of Alcohol & Substance Use Studies

DATA SCIENCE RESEARCHER, RUTGERS UNIVERSITY | JUN 2020 - CURRENT

- Tackled Rutgers University's Health and Human Development Project, a 20+ year-old behavioral longitudinal study of New Jersey teens, from a novel genetic perspective.
- Analyzed 5 generations worth of questionnaire data using **Python** and **R** to determine a linkage between genes and the propensity for alcoholism.
- Established a digital database of questionnaire information.

LEADERSHIP

Rutgers University Mobile App Development

VICE PRESIDENT AND BACKEND MENTOR | MAY 2019 - PRESENT

- Organized club activities like How It's Built, where guest speakers talk about their life in tech, and networking trips to tour tech companies.
- Mentored club members in the backend track of the Accelerator Program, where students create mobile applications through weekly 2-hour coding lessons using **Flask** and **MongoDB**.

HackRU

DESIGN DIRECTOR | NOV 2018 - PRESENT

- Led the Design Team in organizing Rutgers University's largest biannual hackathon, which attracts over 800 students from across the country.
- Designed apparel, stickers, and digital artwork for social media campaigns using **Adobe Photoshop** and **Illustrator**.
- Managed the team's progress and tracked item orders.