

Bum Soo Kim

✉ bum.s.kim42@gmail.com ☎ (720)774-1888 in bumskim 🌐 bumshakabum

Education

University of Colorado, Boulder, CO - B.A. in Computer Science (August, 2020)

Skills

Technical • Python • C++ • Java • Scala • Ruby • Bash
• Git • UNIX • Regular expressions • HTML • CSS • \LaTeX
Soft • Fluent in Spanish • Fluent in Korean • Types 100+ wpm

Professional Experience

Undergraduate Research Assistant - That-Recsys-Lab, CU Boulder (2019-2020)

- Built a recommender system fairness evaluator in LibRec, a Java library for recommender systems.
- Wrote a configuration checker in librec-auto, a Python wrapper around LibRec.

Monitoring Administrator - OIT, CU Boulder (2016-2018)

- Wrote git hooks using Ruby to check Nagios configuration files for correct syntax and structure.
- Distributed files across multiple machines using Merlin.
- Stood up git hosts using Gitolite.

Leadership Experience

Course Assistant (Summer 2017)

- Assisted students enrolled in "Software Development Methods and Tools" and "Discrete Structures".

Projects

SHE - Software Development Project (Spring 2017)

- Worked in a team of 5 to create a "fake girlfriend" following the Agile methodology.
- Built a Rails app that integrated the Twitter, Facebook, and Twilio APIs.
- Worked on the UI using SCSS and Javascript within the Rails app.

HackCU Hackathon

- Spring 2017: Created a Reddit bot in Python that replied to comments that contained the phrase "me too".
- Spring 2016: Compared "government watchlist keywords" with users' Twitter feeds.

Binary code color game - Intro to Programming Project (Fall 2015)

- Created a game using Pygame where the user matched a color with its corresponding binary code.

Relevant projects

- Hosted a website and an FTP server on a Raspberry Pi on Raspbian.
- Built a budget app using Python and SQLite.

Activities

- CU Swing Dance Club, President (2019 - Present)
- CU Hyperloop, Software lead (2017-2018)