| Brian Fu WORK EXPERIENCECisco — Software EngineerJuly 2021 - Present  * Developed pipelines to integrate data from multiple Salesforce accounts through Heroku Connect. * Maintained an Airflow service running 100+ jobs.  AppDynamics — Software Engineering InternJune 2020 - November 2020  * Developed migration scripts from MySQL to TimescaleDB accounting for partition parallelism and cache compression. * Exposed API's for logging Kafka metrics data from existing services.  Cal/Amp — Software Engineering InternJune 2019 - November 2019  * Architected and prototyped a scalable message queue to enrich and route hundred-thousands of messages per minute utilizing Kafka. * Translated a driver scoring service from C# to Java, implemented API endpoints, initialized database schemas. Reduced storage cost by 70%.  June 2018 - August 2018  * Interpolated a true road path from a sparsely populated coordinate list. * Classified vehicle make/model/year on engine computer data using ML  EDUCATIONUniversity of California, Berkeley 2017-2021BA, Computer Science | Minor, Data Science Research: Dr. Dan Garcia, Computational Game Theory  Lab Assistant: Coding in Python CS61a, Data Structures in Java CS61b PROJECTS https://brianfu.me/#portfoliobrianfu.me, personal website A feature rich terminal style personal website portfolio. (check it out!) Sub-AR, Hack MIT Generate subtitles in augmented reality that are tracked to the speaker. Kinesis.ai, Collider Cup Real-time feedback for home physical rehabilitation exercises. In collaboration with Sensopro. Bearfaced, CalHacks Utilize emotion detection and image labeling neural networks to paste an image of a bear's face with your emotion over your face. | (510) 833 - 7002 brianfu9@gmail.com https://brianfu.me github.com/brianfu9LANGUAGES  * Python * JavaScript * Java * Go * C  TECH STACK  * Docker * Kubernetes * AWS, GCP, Heroku, Mulesoft * SQL/NoSQL Databases * Kafka * Airflow * Node, Flask, Spring * TensorFlow Keras * Data modeling, analytics, visualization  SKILLS  * Boy Scouts: Eagle Scout * MTAC: Piano-Level 10 * Proficient in Mandarin  INTERESTS  * Hackathons * Swim * Photography * Music  ONE-LINE WONDERS  * AI documents your code * AR colorblind correction * Car glass navigation |
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