Kyle Glover
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Education:

- National University, La Jolla **July 2021**
  Master of Science in Computer Science, MSc.
- University of California, Santa Cruz **June 2018**
  Biology, BA

Projects: More information can be found on my GitHub

Coffee Break- An iOS application GUI written in Swift UI. Restful Web API written in python using the flask framework and using the Object relational Mapper SQLAlchemy created and stored data to MySQL database. Stores and displays user constructed Coffee drinks, allowing users to manage and create group orders for coffee drinks. For this Project documentation was written for the OCD, SRS, STP, SDD, and User Manual was developed by my team.
Contributions: Developed the entire backend API, created/maintained the MySQL database on AWS, designed 75% of the application UI, and developed 75% of all documentation.

Friendly Quizzes- A web application that allows users to create, store, and share custom quizzes with friends located on the site. The UI is written using the React library and JavaScript. Node.js to connect to a local MySQL database stored on phpMyAdmin and styled with custom CSS.
Contributions: Designed and implemented the entire project.

Skills:

- Proficient in: Swift UI, Java, JavaScript, C#, C++, HTML, PHP, CSS, Python
- Frameworks/Libraries/Tools: Flask, iOS, React, Node.js, Git, REST API, SQLAlchemy, Marshmallow
- Database/Tools: AWS, MySQL, MySQL Workbench
- Team Level Framework: Scrum and Kanban

Course Work:

- CSC 603: Software Engineering Fundamentals
- CSC 605: Software Architecture Principles
- CSC 680: Database Web Interfaces

Experience:

Clinical Laboratory Associate I-II
Color Genomics **August 2020-Present**
Burlingame, California

- One of the primary trainers for new team members and implemented all new procedures for the COVID testing laboratory.
- Perform specimen receipt, accessioning, and sample transfer using laboratory Liquid Handlers such as Hamilton Star, Hamilton Starlets, and Agilent Bravos.

Laboratory Analyst
Janssen Pharmaceutical Companies of Johnson & Johnson **June 2019 - August 2020**
Vacaville, California

- Prepare and standardize test / volumetric solutions, standard solutions, and samples for various chemical and physical tests according to approved methods. Perform routine analyses including HPLC.