

ALEXANDER FENG

Email: alexanderfengfeng@gmail.com | Portfolio: <https://alexanderfengfeng.github.io>

Address: 45B Pearl St, San Francisco, CA, 94103 | Phone: 949-491-5312

WORK EXPERIENCE

Five Prime Therapeutics

South San Francisco, CA

Software Engineer

June 2019 – October 2019

- Developed web services and applications designed to facilitate end-to-end operations from data capture to data visualization
- Quickly adapted to code base to improve function and clarity of preexisting projects
- Wore many hats, acting as both designer and developer and overseeing projects from requirements gathering to deployment

UCSD Department of Pediatrics: Knight Lab

La Jolla, CA

Software Developer

April 2018 – October 2018

- Refactored Python scripts used to extract survey data by integrating HTTP requests to pull data from external survey API
- Updated PostgreSQL database to house newly formatted data and prepare for metadata analysis
- Designed unit tests to ensure quality and consistency of scripts

PROJECTS

WWGFBT

December 2018 – January 2019

React, JavaScript, HTML, Trello (scrum board)

<https://www.WWGFBT.com>

- Built front-end and UI of web application, including primary search function and filters
- Designed website to handle user requests and poll bubble tea shops based on given locations

Zephyr

November 2018 – December 2019

Unity, C#

<https://alexanderfengfeng.itch.io/zephyr>

- Built fully playable top-down space shooter in Unity, written in C#
- Used object-oriented design principles to design enemy and power up classes and organize code

EDUCATION

UCSD Jacobs School of Engineering

La Jolla, CA

Bioengineering – Bioinformatics B.S.

- Graduated: June 2018
- Coursework highlights: Advanced Data Structures, Discrete Math, Object-Oriented Design, Design and Analysis of Algorithms, Computer Organization and Systems Programming

SKILLS AND PROFICIENCIES

Languages:

- Python
- C#
- JavaScript, HTML
- Java
- C++

Additional skills:

- Web services and APIs
- HTTP requests
- Git, GitHub
- SQL and relational databases
- .NET, Visual Studio
- Bash
- OOP
- Data structures and algorithms
- Agile collaboration

GitHub: <https://www.github.com/alexanderfengfeng> | LinkedIn: <https://www.linkedin.com/in/alexfengfeng>