

# ALEXANDER FENG

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## WORK EXPERIENCE

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Five Prime Therapeutics

*South San Francisco, CA*

*Software Engineer*

*June 2019 – October 2018*

- 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

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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

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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

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Languages:

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

Additional skills:

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

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