ALEXANDER FENG

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WORK EXPERIENCE

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

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