

GILBERT FENG

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WORK EXPERIENCE

Software Development Engineer Intern

June 2020-Present

Amazon Web Services (AWS)

- Currently working as summer intern on compiler team at AWS.

Computational Biology Research Assistant

February 2017-August 2019

Stanford University School of Medicine

- Snyder Lab, Mentor: Hayan Lee
- Applied statistical analysis on methylation entropy of the 23 chromosome pairs of sample patients at different stages of carcinoma.
- Used RandomForest machine learning to develop a model that makes predictions on how many days a patient has left based on given conditions.

Mentor

February 2020-Present

Computer Science Mentors

- Taught weekly sections of 4-5 students in UC Berkeley's introduction to CS course.
- Personally developed teaching plan to help students review concepts in the course.

EDUCATION

B.S., Electrical Engineering and Computer Sciences (EECS)

August 2019-May 2022

University of California, Berkeley

- **GPA: 4.0**
- Member of Eta Kappa Nu (EECS Honor Society)
- *Notable Coursework:* Data Structures (A+), Designing Info. Devices & Systems (A+), Discrete Math & Probability (A+), Programming Structures (A+)

Awards and Honors

- Edward Frank Kraft Award
- Cal Alumni Association Leadership Award
- USA Computing Olympiad Gold
- 5-time American Invitational Mathematics Examination (AIME) Qualifier

SKILLS

Languages: Python, Java,
SQL, C++, Lisp (Scheme)

Technologies/Frameworks:
Git, NumPy, Matplotlib,
Pandas, Scikit-Learn

Certifications: Machine
Learning (Coursera)