SELINA FENG

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EDUCATION

University of California, Berkeley, Class of 2021
BA Computer Science, GPA: 3.5

SKILLS

Languages: Java, Python, MongoDB, Django, Ruby on Rails, JavaScript (ReactJS), SQL, Scheme (Lisp), HTML/CSS,
Technologies: Test-driven development (RSpec), GCP deployment, containerization (Docker)

EMPLOYMENT

Full Stack Engineering Intern at RaiseMe | Jun. 2018 to Aug. 2018
  – Technologies used: Ruby on Rails, React, MongoDB, Python (pandas, tabula-py), HTML/CSS
  – Designed and implemented a classifier to standardize names of extracurricular activities, improving college scholarship awards for 1.3M students
  – Created an accessible user experience for users via front-end development with React and HTML/CSS
  – Updated sign-up process for student users in accordance with European GDPR regulations
  – Parsed data from the collegiate Common Data Set to improve models using the pandas and tabula-py libraries

Computer Science Academic Intern | Jan. 2018 to May. 2018
  – Technologies used: Python, SQL, Scheme
  – Held office hours to help students with labs and for an introductory computer science course (CS 61A)

PROJECTS

CodeDoor | Jan. 2018 - May 2018
  – Worked with a 9-person team to create a Django web application where club members can share experiences about companies that they have interned for

Adopt Don't Shop | Nov. 2017 | https://tinyurl.com/roradopt
  – Worked with a 4-person team to create a Ruby on Rails web application for animal lovers to adopt and "favorite" pets posted by animal shelters

Inspire | Nov. 2016 | https://tinyurl.com/androidinspire
  – Worked with a 4-person team to develop an Android application supporting victims of cyberbullying by connecting them with others in similar situations

EXTRACURRICULARS

CodeBase Developer | Jan. 2018 – Present
  – Build spam classification machine learning models for Zumper, a full-service housing website
  – Create a web application to display and interact with model results
  – https://codebase.berkeley.edu

Cal Hacks Director | Jan. 2018-Present
  – Organize logistics, tech, and sponsorship for the largest collegiate hackathon in the United States with 2200+ attendees
  – Raise $300,000 from 30+ corporate sponsors with APIs and workshops
  – Host an inclusive technology speaker series for diversity initiative

COURSEWORK

Data Structures (CS 61B)
Web Design
Ruby on Rails
Structure & Interpretation of Computer Programs (CS 61A)
Discrete Math & Probability (CS 70)
Intro to Data Science (CS C8)
Circuits & Linear Algebra I (EE 16A)
Circuits & Linear Algebra II (EE 16B)

Spring 2019:
Algorithms (CS 170)
Computer Architecture (CS 61C)
Artificial Intelligence (CS 188)

AWARDS AND HONORS

Juniper Networks Engineering Scholarship | May 2017
GunnHacks 3.0 – Third Place | May 2016