Anika Rede

Berkeley, CA

arede22@berkeley.edu | 440-731-0373 | linkedin.com/in/anikarede/ | theanikarede.com | github.com/arede22

Seeking software engineering job. Previous SWE internship experience in various orgs, strongest in Python, JavaScript, and Java. Can provide access to projects on private Git repos if requested.

Education

University of California Berkeley | Dec 2021 | GPA: 3.4

· <u>Major</u>: B.S. in Electrical Engineering and Computer Science (EECS), <u>Minor</u>: Linguistics
· <u>Associations</u>: Society of Women Engineers, Association of Women in EE&CS, Engineers Without Borders

Technical Skills

<u>Back-end</u>: Python 3 (pytorch, tensorflow, scipy, numpy, pandas, bs4), JavaScript, Java (selenium), C#, SQL
<u>Front-end</u>: JavaScript ES6 (jQuery, Next.js, React.js, styled-components), HTML5, CSS3

Work Experience

Software Engineering Intern | ServiceNow | May 2021 to Aug 2021

· Built low/no-code code editing experience within UI Builder Web Experience platform using Monaco Editor and domain-specific Excel-like language; Streamlined simple processes like arithmetic, boolean, and comparative operations and implemented new UX infrastructure to enable this feature
· Tech stack: JavaScript, HTML/CSS, Java

Software Engineering Intern | ICSI | Jan 2020 to Sept 2020

· Creating translation tool to parse complex languages into its sub-components: took lexicon of ~8000 words, estimated frequency of top 150 words in audio samples, and now modeling learning system from the data
· Tech stack: Python, JavaScript (React.js, jQuery)

Software Engineering Intern | Pulse Q&A | June 2019 to Aug 2019

· Improved office workflow by 30% with automation tools: updated members' profiles (web crawler), found proper marketing audience (Chrome extension), and deployed surveys (React.js)
· Tech stack: Python (pandas, bs4), JavaScript (React.js), MongoDB, Java (selenium)

Personal Projects

Ancient Indian Astronomy | Aug to Dec 2020 | github.com/guswnd914/cs189_project_S_final

· Building a machine learning model to predict planetary motions, eclipses, and moon phases from ancient Indian astronomy; Currently building model to fit oscillating data (elliptical orbits)
· Tech stack: Python (numpy, skyfield, sklearn)

ML Mini-Projects | Aug to Dec 2019 | github.com/arede22/MLDecal_projects

· Explored machine learning mini-projects like Deep Dream and Sentiment Analysis
· Learned how to optimize models *e.g.* reducing cost from .99 to .15
· Tech stack: Python (numpy, pytorch, tensorflow, scipy, pandas)

CS61B: The Game | Apr to May 2019 | youtu.be/cdlxhQVUIro?t=10

· Built game from scratch with partner: multi-leveled with avatar, enemies, items, and boss
· Tech stack: Java (debugging with unit tests, data structures and algorithms)

Coursework

General: Data Structures and Algorithms, Discrete Mathematics
Concentration: Artificial Intelligence, Machine Learning, Probability & Random Processes, Optimization of Engineering Models, Natural Language Processing