

# Anika Rede

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## Objective

I am seeking a summer 2020 software engineering internship position for projects focusing on artificial intelligence or natural language processing.

## Education

**B.S. | CLASS OF 2022 | UNIVERSITY OF CALIFORNIA, BERKELEY**

- Major: **Electrical Engineering and Computer Science**; Minor: **Linguistics**
- Related coursework: Data Structures & Algorithms, Computer Architecture, Discrete Mathematics, Designing Information Devices and Systems, Probability and Random Processes, Optimization of Engineering Models
- Clubs: Engineers Without Borders, Computer Science Kickstart, Association of Women in EECS

## Industry and Research Experience

**RESEARCH INTERN | JADOO TECH | FEB 2019—SEPT 2019**

- Derived theoretical equations to improve accuracy in calculating efficiency of lab-created nanotech sensor
- Tested scale of nanosensors' effects in scope with surface area and applicability of such devices in real-time to display as marketable material to possible investors

**SOFTWARE ENGINEERING INTERN | PULSE Q&A | JUNE—AUG 2019**

- Automated internal tools using web-scraping to expedite: (1) updating profiles of members to web/mobile (2) finding people to whom the company could market (3) forming surveys to deploy on main website
- Improved efficiency of office-space 25% with automated programs replacing hours of manual labor
- Tools structured as Chrome extensions, React single-page forms, and command-line automated processes

**RESEARCH INTERN | CASE WESTERN FENG LABS (JOINT EECS-BME) | FEB 2015—AUG 2018**

- Quickly, accurately, and noninvasively quantified adhesive properties of metastatic cancer cells in unique lab-created MEMS microsensors
- Awarded as 2018 Siemens Semi-Finalist; Presented in 2018 National AJAS and JSHS research conferences

## Relevant Skills

### LANGUAGES

- JavaScript, HTML, CSS, Python, Java, React, C

### SIMULATION SOFTWARE

- AutoCAD, MATLAB, SolidWorks, COMSOL

## CS PROJECTS

**SAFETY IN NUMBERS | ONGOING**

- Tracks a person's intended route in Berkeley and alerts friends or family if the person goes far off-path
- Avoids areas with recent crimes using safety alerts from formal/informal sources (*e.g.* Nixle or Wildfire)
- Provides safety resources (*e.g.* BearWALK, UCPD, emergency contacts) on lock-screen when in use

**PERSONAL WEBSITE | ONGOING**

- Used React and Next.js to showcase portfolio and serves as personal playground for personal graphic design and UI/UX interests (theanikarede.com)

**CS61B: THE GAME | APR—MAY 2019**

- Built game architecture with partner in Java with inventory, avatars, enemies, and levels ramping up in difficulty and ending in a Boss Level