

Anika Rede

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Objective

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

Education

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

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

Industry and Research Experience

RESEARCH INTERN | JADOO TECH | FEB 2019—PRESENT

- Derived theoretical equations to improve accuracy in calculating efficiency of lab-created nanotech sensor
- Building GUI in mobile and web development using React for testing applications of nanosensors to display as marketable material to possible investors

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

- Created 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%, replaced hours of manual labor with running a program
- Created internal tools in of Chrome extensions, React single-page forms, and command-line programs

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

- Quickly, accurately, and noninvasively quantified adhesive properties of metastatic cancer cells unlike done ever before, thus proving the accuracy and uniqueness of lab-created micro-sensors in the MEMS field
- Awarded as 2018 Siemens Semi-Finalist; Presented in 2018 National AJAS and JSJS conferences

Relevant Skills

LANGUAGES

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

SIMULATION SOFTWARE

- AutoCAD, MATLAB, SolidWorks, COMSOL

CS PROJECTS

SAFETY IN NUMBERS | IN-PROGRESS

- Will track a person's intended route and alert friends or family if the person goes far off-path
- Will avoid areas with recent crimes using safety alerts from formal/informal sources (*e.g.* Nixle or Wildfire)
- Will provide safety resources (*e.g.* BearWALK, UCPD phone numbers, personal emergency contacts)

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