Nathan **Sit**

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Education

University of California San Diego   *La Jolla, CA*
B.S. IN COMPUTER ENGINEERING   *Anticipated June 2022*
- Classes: Data Structures & Algorithms, Software Engineering, Object Oriented Programming, Systems Programming

Experience

Gracepoint Los Angeles   *Los Angeles, CA*
JUNIOR WEB DEVELOPMENT INTERN   *July 2020 - September 2020*
- Using React, reformatted and styled website's countdown component
- Produced wireframe and basic layout of Squarespace website which received 1200 visits
- Used Git, Notion, Slack to manage workflow as part of an Agile team

Neural Interaction Lab   *San Diego, CA*
UNDERGRADUATE RESEARCH ASSISTANT   *April 2019 - present*
- Managed and trained other lab members in microfabrication processes to complete projects on time
- Fabricated stretchable electronics delivered to various collaborators, including GoogleX

Projects

employee-portal   *San Diego, CA*
ROYAL EMERALD PHARMACEUTICALS   *September 2020 - December 2020*
- Collaborated with 10 other developers to create payroll system for a pharmaceutical startup
- Implemented full-stack web app using Vue (frontend), MySQL (database), Node and Express (backend)
- Helped to produce artifacts such as Design Use Cases and Screen Sequences to facilitate development
- Organized UI screens designed in Figma and assisted teammates with Git to streamline collaboration

tempDataDump   *Santa Ana, CA*
INDEPENDENT PROJECT WWW.BIT.LY/TEMPDATADUMP   *June 2020*
- Developed a webpage that serves as a scratch pad for ideas that come to mind
- Implemented in HTML, CSS, and JavaScript on Codepen

6 Degrees of Kevin Bacon   *Santa Ana, CA*
PAIR PROGRAMMING PROJECT   *May 2020*
- Written in C++, using the GoogleTest Framework, implemented a breadth first search algorithm using two hashmaps to find the shortest path between any two actors

basic-timer   *San Diego, CA*
INDEPENDENT PROJECT WWW.GITHUB.COM/NATHANSIT/BASIC-TIMER   *April 2020*
- Designed a minimalistic Unix command line timer with notifications
- Created Bash script to automate installation process

Languages & Skills

Languages	C, C++, Java, HTML, CSS, JavaScript, ReactJS, Bash, ARM Assembly
Tools/Tech	Unix, Vim, Git, Figma, GDB, JDB
Markup	HTML, XML, Markdown, LaTeX
Other	English, Mandarin (conversational), Spanish (limited)