

John Sun

626-478-5603 | jsun777777@gmail.com | [linkedin.com/in/john-sun06](https://www.linkedin.com/in/john-sun06) | <https://github.com/7even-7>

EDUCATION

University of California, Irvine

September 2019 - June 2023

Bachelor of Software Engineering

Relevant CourseWork: OOP, Software Design, Algorithm, Software Development, Data Structures, Software Testing & Assurance

The Center For Advanced Research And Technology

September 2018 - June 2019

Introduction to web-development

WORK EXPERIENCE

Software Engineer Intern

Feb 2023 - June 2023

Hoag Health System

Irvine, CA

- Developed BeatingMelanoma.com for a dermatologist aimed at raising awareness about dermatology and melanoma prevention.
- Implemented deterministic algorithm to match patients to their appropriate melanoma stage based on their pathology report using JavaScript.
- Followed agile development methodology that follows a two-week sprint schedule.
- Designed high-fidelity prototypes, storyboards, and personas using Figma.
- Received the Second Place Award at the 2023 ICS Project Expo for exceptional achievement.

PROJECTS

Fablix Movie Web App | *Java, AWS, GCP, Tomcat, Maven, MySQL, XML*

April 2023 - June 2023

- Built a full stack application with Java, Html5, Css, JavaScript, & MySql.
- Implemented RESTful API with Java that supports CRUD operations to users.
- Built a mobile version using Android SDK that interacts with the back end API.
- Deployed the application on AWS with Tomcat & added scalability by creating two load balancers on AWS & GCP.

Web Search Engine | *Python, NLTK*

March 2022 - April 2022

- Implemented an efficient web spider with nltk and weight score to filter meaningless links
- Search engine is optimized to avoid traps and loops with the capability to handle 40 thousand documents
- Development was done over Github and contributed 30% to the project
- Implemented a GUI instead of running it under main console

SpotifyWebApp | *Angular, Typescript, JQuery*

Jan 2023 - Feb 2023

- Incorporated API calls to retrieve relevant data from Spotify API
- Utilized typescript to process the data and visualizes it on web browser with Angular Components

SKILLS

Programming Languages: Python(advanced), Java(advanced), C++(intermediate), HTML, CSS, JavaScript, Typescript

Other: Linux, Git, MySql, Spring, Bash, Junit, Slack, Figma, JQuery, React, Angular, Ionic, Tomcat, Maven, Agile, Requirement Engineering

InterPersonal: Public speaking, Teamwork, Collaborative Project Development, Tutoring