

ELISHA NAM

esnam@uci.edu ◇ (818) 523 2533 ◇ Irvine, CA
Portfolio ◇ Github ◇ LinkedIn

EDUCATION

University of California, Irvine

GPA: 3.98

BS, Computer Science Specializing in Intelligent Systems

Expected June 2025

Relevant Coursework: Machine Learning & Data Mining, Data Structure Design & Analysis, Algorithms, Intro to Artificial Intelligence, Probabilities in Computer Science, Computer Networks, System Design

SKILLS

Proficient: Python, TypeScript, Java, C/C++, Tailwind, HTML/CSS, Git, Electron.js, React.js, Next.js, Vercel

Familiar: Flask, MySQL, Redis, Linux, AWS (EC2), Kubernetes, Maven, JDBC, Microsoft Office

WORK EXPERIENCE

Entertainment Partners

Jun 2024 - Aug 2024

Software Engineer Intern

Burbank, CA

- Contributed to the development of Movie Magic Budgeting, an industry-standard tool for film budget creation and management
- Reorganized the project by restructuring the main Electron file into subdirectories, improving code maintainability and scalability.
- Streamlined the development process by translating the source code from JavaScript to TypeScript, reducing bugs and errors while preserving functionality
- Identified and resolved bugs in the source code, improving overall software reliability

Focus Learning Center

Jul 2023 - Jun 2024

Education Consultant

La Crescenta, CA

- Design learning modules and study plans to prepare for AP exams, while also curating relevant study materials to optimize the learning process
- Develop customized curricula and administer assessments and aptitude tests to evaluate students' skills, interests, and learning styles

PROJECTS

Fabflix: Movie Merchant Website

Mar 2024 - Jun 2024

- Build fullstack movie management web app using Java, JDBC, and MySQL for backend operations, with a frontend built on HTML, CSS, and JavaScript
- Implement core functionalities including user authentication, movie browsing, search filtering, and shopping cart management, following MVC architecture and RESTful design principles
- Ensure scalable and high availability deployment on AWS EC2, leveraging Kubernetes for container orchestration and cloud resource management

Redis Optimized Serverless Search Engine

Sep 2023 - Dec 2023

- Developed full stack website to showcase project, building the frontend with the Next.js framework and using Flask as an API endpoint to handle Redis queries, deploying the website on Vercel
- Built a search engine that handles tens of thousands of Web pages in the UCI ICS subdomain
- Leveraged advanced techniques including tf-idf scores, page rank algorithms, keyword analysis, and autocorrection functionalities with the NLTK library to deliver accurate search results
- Converted original JSON inverted index to Redis by altering data structure, allowing data to be hosted on a cloud instead of locally and optimizing search operations

AWARDS

HackSoCal2020 First Place, Dean's List (2021 - Present), Regent Scholar (2021 - Present)