

Anamarie Ha

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EDUCATION

University of Southern California – Los Angeles, CA

August 2021

Master of Science in Computer Science

Notable classes: Database Systems, Information Retrieval and Web Search Engines, Analysis of Algorithms

California State University – Long Beach, CA

December 2018

Bachelor of Science in Mathematics

Notable classes: Introduction to Machine Learning, Data Structures and Algorithms, Advanced Statistics

WORK EXPERIENCE

Software Application Development Intern

Western Digital, Irvine CA

May-July 2020

- Integrated solution to facilitate small unit hardware testing for dual actuator drives on internal tool using Tcl script.
- Modeled, presented legacy and improved solution on UML diagrams for the Backend Architecture and Staging Team.
- Improved hard drive testing efficiency by 30%.
- Participated in backend code review process on Jira.

PROJECTS

IMDB Android App

- Designed and implemented an Android app that mimics functionalities of IMDB using TMDB API with functionalities such as: queue to Watch List.
- Implemented a search functionality backed by TMDB API's multi-search capability.
- Employed Google Cloud YouTube API to play trailers for every movie details page.

My IMDB

- Designed and implemented a full-stack web application that mimics functionalities of IMDB using TMDB API with functionalities such as: display Trending, share to social media, display reviews... etc.
- Utilized AngularJS and NG Bootstrap to ensure mobile and desktop UI compatibility.
- Setup routes in NodeJS and Express to communicate with TMDB API.
- Deployed and hosted on Google Cloud Platform.

GEOCODE Data Reader

- As lead of Architecture designer, developed architecture for a new web application for GEOCODE to improve data visualization and enhance admin capability in collaboration with PESC.org and USC Registrar Office.
- Coordinated strategies to build UX prototypes and presented actionable plans and incremental deliverables in alignment with client timeline.
- Development followed Incremental Commitment Spiral Model and Agile methodology.

EXTRACURRICULAR ACTIVITIES

Competitor

ACM International Collegiate Programming Contest

November 2018

- Competed in one in four teams that represented CSULB in the Southern California Regional.
- Implemented data structures and sorting algorithms to program software that solves mathematical problems.

TECHNICAL SKILLS

- Programming Languages: Java, C++, Python, JavaScript, HTML, CSS, NodeJS, AngularJS
- Scripting Languages: Python, Tcl
- Operating Systems: Windows, Linux/Unix