

Andrew Ton

aton4@uci.edu ❖ (949) 302-2663 ❖ Irvine, California

GitHub: <https://github.com/aton4/>

LinkedIn: <https://www.linkedin.com/in/andrew-ton-072328196/>

WORK EXPERIENCE

Ardent Labs

Apr. 2021 – Present

Software Engineering Intern, Full Time

Irvine, CA

- Ardent Labs is a Software company that develops apps and solutions to create better learning and teaching.
- My responsibilities are mostly in DevOps and Backend APIs, with occasional Jira tasks on Frontend web apps.
 - **DevOps:** Diagnose and deploy web applications using Kubernetes and Docker. Frequently solving issues such as pods failing, updating outdated deployment configurations, etc...
 - **Backend:** Manage our two databases (RethinkDB and PostgreSQL) through creating admin/migration scripts or creating GraphQL objects that the frontend will interact with. Otherwise, miscellaneous tasks such as updating Nodejs dependencies, AWS SES emails, etc...
 - **Frontend:** Develop React components and views for web pages. For example I created the login page of a new web app for HR employees, successful authentication stores auth token in cookies for React views to check.

HKP Solutions

Dec. 2020 – Apr. 2021

Software Engineering Intern, Part Time

Remote

- HKP Solutions is a mobile app development company focusing on scalable solutions for hotel chains
- As an intern on the frontend Android team, I created new screens and integrate them with the backend APIs
 - I made screens allowing users and employees to login or log their room cleaning
 - Added new features such as slider views to quickly navigate the app and refactored features to match user needs

PROJECTS

Shopping App

Dec. 2020 – Jan. 2021

- Used Android Studio to develop a shopping app that matches the style of our shopping website
- Backend APIs were used by frontend teams for requests such as registration, login, user cart, and cart checkout.

Film Database Website

Apr. 2021 – May 2021

- Created a Tomcat Apache web server to deploy the web app on AWS EC2
- Users and Employees are required to login to access the website or any of its features
 - Login authentication with post request to our MySQL database and reCAPTCHA verification for access
 - Employees are redirected to a dashboard where they may add movies and actors to the website

EDUCATION

University of California, Irvine (UC Irvine)

June, 2022

Bachelor's of Science, Computer Science

Irvine, CA

- 3.657 GPA

SKILLS & INTERESTS

- **Programming :** Python, Java, Javascript, TypeScript, C, C#, MySQL, NoSQL, PostgreSQL, RethinkDB, HTML
- **Fields:** Backend/Frontend Development, DevOps
- **Frameworks:** Android Studio, Node.js, AngularJS, React, Redux, AWS, GraphQL, Docker, Kubernetes
- **Tools:** Jira, Confluence, Github
- **Languages:** English, Vietnamese
- **Interests:** Quality Assurance, Gaming