Ethan Lee

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SUMMARY

4th year computer science student at UC Irvine with 3 years of programming experience through internships with the LA Chargers, Athletics Office of Information Technology, Sports Business Association, and personal website projects.

EDUCATION

UC Irvine | Graduation April 2024 | Cumulative GPA: 3.7 | *Bachelor of Science: Computer Science, Minor: Statistics*

EXPERIENCE

Los Angeles Chargers July 2022 – Present *Information Technology Intern*
- Used Selenium browser automation to translate all of the company's asset data from Excel to Service Desk Plus
- Built a command-line interface with Python to expedite the setup and configuration of Cisco IP desk phones
- Generated using PowerShell spreadsheets of users with outdated devices, expired passwords, or full mailboxes
- Migrated PowerShell scripts for onboarding & offboarding to the latest Graph API libraries before deprecation
- Developed PowerShell automation scripts to standardize user group management, staff lists, and asset loaning

UCI Sports Business Association January 2022 – Present *Director of Strategy and Engagement*
- Aggregated growth, reach, and engagement metrics for Instagram, LinkedIn, and Facebook via Kaggle notebooks
- Established database of meeting type and attendance rate to report what appealed most to club members

UCI Athletics Office of Information Technology January 2022 – June 2022 *IT Support Assistant*
- Executed gameday technical troubleshooting to support collegiate basketball, volleyball, and baseball team staff
- Maintained comprehensive documentation for issues and resolution steps formatting by event venue and group

GameTree February 2021 – September 2021 *Strategy & Analytics Intern*
- Developed custom Python scripting to query data from the document-oriented (NoSQL) database MongoDB
- Built a presentation that identifies a video game's player base, target audience, and competitor differences

PERSONAL PROJECTS

Tier List Web App *Summer 2023*
- Applied MERN stack to create a CRUD app utilizing Google Oauth2 login with Passport JS and Cookie-Session
- Customized interface to display user-specified rankings of tv shows with the ability to filter by year and tags
- Deployed online under custom subdomains using Render for the API backend and Vercel for the frontend

Spotify Stats Website *Summer 2021*
- Used Python-Flask framework integrated with the Spotify API to dynamically collect user playlist data upon login
- Visualized insights with over 30 unique Plotly figures including bar charts, time series graphs, and box plots

AWARDS

Eagle Scout (2019): *7 year member of Troop 765, Carmel Valley, San Diego, CA*

SKILLS AND INTERESTS

Programming Languages: Python, Java, NodeJS / ReactJS, HTML/CSS, MongoDB, PowerShell, C++, Ruby (Jekyll), SQL

Interests: NFL & fantasy football, tennis & pickleball, sitcoms, pop punk, strategy games, fingerstyle guitar & ukulele