ETHAN LEE

Phone: (510) 514-8171 – Email: ethanttlee@gmail.com – Linkedin: https://www.linkedin.com/in/ethan-lee7/
Github: https://github.com/Ethan-Lee7 – Location: 94539 San Francisco Bay Area

SKILLS

Programming: Python, Java, C++, C#, HTML/CSS/JS, Bash/Shell Scripting, ASP Dotnet, Flask, Web Scraping
Analytics: Pandas, R, Numpy, Scikit-Learn, Tensor-Flow/Keras, SQL, DynamoDB, MongoDB
Cloud: Docker, Kubernetes, Amazon Web Services, Ubuntu, RedHat Enterprise Linux

WORK EXPERIENCE

jTask | System Operations and Security Analyst Intern   *San Mateo* | (06/2021) – (09/2021)

  Configured automated penetration testing for main company application, rectified security issues in code base, analyzed and integrated AWS security tools, and implemented multi factor authentication in MVC ASP Dotnet application.

Fiverr | Freelance Programmer   *Remote* | (05/2020) – (08/2020)

  Performed web scraping and web development gigs on Fiverr and gained experience working with customers and developing various applications.

EDUCATION

Bachelor's Degree | University of California at San Diego,   Expected Graduation: (06/2023)
La Jolla, CA — Data Science (GPA: 4.0, Major GPA: 4.0)

CERTIFICATIONS

Amazon Web Services | AWS Certified Developer Associate   (10/2021) – Present

The Linux Foundation | Certified Kubernetes Administrator   (01/2021) – Present

PROJECTS AND ACTIVITIES

Rotten Tomatoes | Text Generation and Predictive Analysis   (05/2021) – Present

  Research project on a self web scraped Rotten Tomatoes movie reviews data. Analyzed data using sentiment analysis, TF-IDF, aspect-mining, and topic modelling. Created predictive analysis model Random Forest Regressor and text generation using LSTM networks. Final outcome displayed on a front end dashboard implemented with Streamlit.

Data Science Student Society | Project Lead   (04/2021) – Present

  Team project lead at UCSD's Data Science Student Society. I lead a team in building projects centered around machine learning, computational statistics, data mining, visualization, predictive analytics, and other fields of study.

Stock Twitter Research | Stock Prediction   (10/2020)

  Uses Twitter API and Google Cloud NLP to predict stock prices based on Twitter sentiment around a company.

Proform | Video Similarity Pose Estimation   (11/2019)

  Utilizes CMU's openpose technology to track athletes' form. Python algorithm calculates form disparity between user and professional athletes using vector error analysis. Output is displayed on a frontend Flask web page.

AWARDS

Atoms & Bits hackathon: Best Desktop/Mobile App, 2019 | Omnihacks hackathon: Top 8 winner, 2019 | USACO Silver, 2018 | DECA ICDC 2019 Virtual Business Challenge Personal Finance 7th place