Kevin Lee

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EDUCATION

University of Southern California

May 2022

B.S. Computer Science - Viterbi School of Engineering

Honors: Army ROTC Full Scholarship, Pathway Oregon Full Scholarship, Armed Forces Communications & Electronics Award, Dean's List

WORK EXPERIENCE

U.S Army - MSV Cadet, Los Angeles, CA

Sept 2017 - Present

- Continuing to fulfill all duties in training and coursework as a cadet at University of Southern California
- Field training consists of small-unit tactical operations and land navigation with an emphasis on leadership
- Coursework focuses on military science, civil-military affairs, military process, and leadership behavior

U.S Army Cyber Command - Data Scientist, West Point, NY

May 2021 - Aug 2021

- Improving ML/DL networks to classify cyber attacks with Network Intrusion Detection Systems (NIDS) achieving a
 experimental accuracy of 96%+
- · Developed ELK Stack querying log files with Filebeat from Zeek/WireShark to process and monitor in Elastic Security

SPADA Mortgages - Technology Project Manager, Los Angeles, CA

June 2020 - April 2021

- Exploring and creating ways for automation in areas between loan originators and clients for faster loan processing
- Implemented Twilio's API for streamline central communication line (IVR, SMS, AI bots)

Red Berry Innovations – Cyber Engineer Intern, Omaha, NE

April 2020 – June 2020

- · Classified continuous binary sensor data from a CAN bus from a vehicle using convolutional neural networks
- By classifying sensor data, we were able to determine where the vehicle traveled without a GPS
- Gained experience using agile methodologies

NASA Jet Propulsion Laboratory – Software Engineering Intern, Pasadena, CA

June 2019 - August 2019

- Worked on the Mars Curiosity rover with the Mars Mission Operations team to improve rover efficiency by 8-12%
- Used marginal data analysis to improve execution time using tools such as AWS (elasticsearch), python data tools (pandas, numpy, plotly), and graphs using d3.js
- Invited to present work at the annual 2020 NASA conference

University of Oregon Solar Radiation Monitoring Lab – Research Student, Eugene, OR

Sept 2017 – June 2019

• Translated and assisted in writing programs that analyze solar sensor data from 20+ observing stations

VOLUNTEER ACTIVITIES

COVID-19 Vaccination Distribution - Sanitation Officer, Corvallis, OR

March 2021 - April 2021

Overlooking vaccine sites ensuring locations are following prompt guidelines for sanitation

USC Google Developer Student Club – Founder & President, *Los Angeles, CA*

May 2019 - April 2020

Created an organization sponsored by Google to help local NGOs and businesses in Los Angeles at USC

Global Aid Network (GAiN) - Volunteer, Uganda Africa

April 2018

· Hosted medical eye clinics and assisted poverty alleviation in rural villages near Kampala and Hoima

SKILLS & INTERESTS

Skills & Tools: Tableau, ELK stack, Python, C, C++, Java, R, Matplotlib, WireShark, Kali Linux, AWS, scikit learn, SQL, Adobe Premiere/Photoshop, MS Office, GCP, relational databases, PostgreSQL

Interests: Humanitarian Aid, Sustainability, Data Science, Cyber Security, Surfing, Government Work