CLARK MINOR

Los Angeles, CA 90024 | 951-760-2802 | clarkminor@ucla.edu

- https://www.linkedin.com/in/clark-minor/
- https://github.com/Clark-Minor

PROFESSIONAL SUMMARY

I am a 4th year Computer Science major at UCLA graduating in June 2020 experienced in software development and cybersecurity looking for New Grad full-time opportunities as a Software Engineer

EDUCATION

EXPECTED IN JUNE 2020

Bachelor of Science: *Computer Science*
University of California, Los Angeles (UCLA)
- Recipient of Achievement Scholarship
- Coursework in Data Structures , Assembly-Level Architecture, Software Tools and Environments, Operating Systems, Algorithms and Complexity, Networking, Computer Security, Databases, Programming Languages, Computer Graphics, Entrepreneurship, Economics, Finance
- Member of ACM Cyber, Bruin Club Tennis, and Shenanigans Standup Comedy

WORK HISTORY

JUNE 2017-MAY 2019

Cyber Committee Officer | UCLA ACM | Los Angeles, *CA*
- Collaborate with Cyber officers to put on workshops for topics including SQL injection, cross-site scripting, and Kali Linux tools and mentor the 20-80 students in attendance
- Write cybersecurity challenge questions, coordinate funding and catering for 60+ undergraduate competitors attending Cyber's annual Capture the Flag hackathon

JUNE 2018-SEPTEMBER 2018

Cyber Security Intern | Ariento | Los Angeles, *CA*
- Deploy open-source Network Intrusion Detection and Host-based Intrusion Detection by provisioning Security Onion machines with Jenkins and Amazon EC2 to monitor client networks and installing OSSEC log monitoring software on client Windows machines
- Analyze real-time Security Onion and OSSEC alerts from Ariento clients' networks to identify true security threats vs. noise from regular network processes
- Using Terraform, automate cloud resource creation in AWS including Virtual Private Clouds for secure client networks, S3 buckets for log management, and EC2 instances for domain control operations

AUGUST 2019-CURRENT

Web Developer | Hydrogen Engineering Research Consortium At UCLA | Los Angeles
- Complete a full UX redesign for an outdated website to better reflect current research and make the consortium a more attractive candidate for federal aid | http://www.herc.ucla.edu
- Create automated testing pipelines for backend code using Jenkins integration with a Git repository

PROJECTS

Asynchronous Server Herd, Programmer
- Create an asynchronous server herd with Python's asyncio library that leverages Google Places API to record frequent updates to user geolocations and flood them to the rest of the herd

Amplifi, Team Member
- A GUI application written in Bash, C, and Swift to display signal strength from wireless access points to help the user find the most optimal geographic location for internet access

Maintenance Genie, Developer
- Create a web API (Node.js, Google Cloud Functions, Google Firebase) and client GUI (React.js) for landlords, workers, and tenants to easily manage maintenance requests

Ariento Internal Documentation, Programmer
- Using a Markdown documentation tool, BitBucket pipelines, and Amazon S3 with secure Bucket Policy, standardize Ariento's technical documentation and host to a private static website

Network Attack Lab, Attacker
- With ettercap's ARP spoofing and SSL false certificate tools, eavesdrop on encrypted and unencrypted network traffic over telnet (23), http (80), and https (443) and perform a tcp replay attack against a web server

SKILLS

Languages: C/C++, Python, Bash, JavaScript, Prolog, OCaml, HTML/CSS, Verilog
Security: Security Onion (Linux IDS), OSSEC, Wireshark, Windows Event Log, x86-64, TCP/IP Network Fundamentals

Technologies: Visual Studio, AWS, Google Firebase, Terraform, Git/GitHub, Jenkins, PostgreSQL, Node.js, Linux Environments, Docker, WebGL, CAD
Other: Agile workflow processes, French, Peer Tutoring, Leadership, Standup Comedy