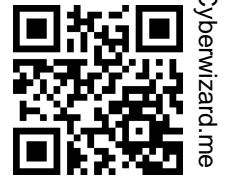# Adrian Cheddar Ordorica

Email cyberwizard18+onlineresume@gmail.com for more
contact information

PUBLICATIONS

Ordorica, Adrian, "Operating System Identification by IPv6 Communication using Machine Learning Ensembles" (2017). Theses and Dissertations. 2413. http://scholarworks.uark.edu/etd/2413

Ordorica, Adrian and Thompson, Dale, "Operating System Fingerprinting using IPv6 Packets and Machine Learning Techniques" (2017). Proceedings of the 2017 National Cyber Summit Research Track (NCS '17), 29-33.

Ordorica, Adrian, Rainbolt, Lauren, and Stafford, Brok. "Hungry Hogs" (Oct. 13-15, 2017). Clinton Global Initiative University Conference (CGI U '17), Boston. [In Press]

EDUCATION

Master of Science Degree in Computer Science	August 2017
University of Arkansas, Advisor: Dr. Dale Thompson	GPA: 4.00
Bachelor of Science Degree in Computer Science	May 2015
University of Arkansas	GPA: 3.17

PROFESSIONAL EXPERIENCE

Innovation Developer — February 2019 - Current
Eversana Intouch, Overland Park, KS
- Design and prototype AI-powered healthcare solutions, including data pipelines, APIs, and production-ready models.
- Manage development infrastructure and collaborate across teams to deploy machine learning models at scale.
- Explore emerging technologies to drive innovation in life sciences and enhance product capabilities.

Software Engineer — August 2017 - February 2019
Netsmart Technologies, Overland Park, KS
- Develop an application that implements meaningful use measures that provide a report on the medical health quality across multiple organizations. Involves big data wrangling, data processing, and security for PHI.
- Manage Cloudera cluster by applying upgrades, adding services, server maintenance, and performance tuning.
- Apply architectural changes to a Spark application to utilize more AWS.

Teaching Assistant - Part Time — May 2018 - December 2018
The University of Kansas, Overland Park, KS
- Data Analytics Boot Camp assistant preparing students to analyze and solve complex big data problems.
- Frequently teaching sub-topics or instructing the class for the day during an instructor absence.

Research Assistant - TACT (Training Arkansas Computer Teachers) — January 2016 - August 2017
University of Arkansas, CSCE Department, Fayetteville, AR
- Teach Computer Science Principles to Arkansas high school teachers to be certified to teach Computer Science
- Develop hands-on curriculum with thoroughly prepared materials created over months of research

Graduate Teaching Assistant — August 2015 - December 2015
University of Arkansas, CSCE Department, Fayetteville, AR
- Similar duties of a grader. Courses involved: Database Management, Computer Networking, Operating Systems

Course Assistant Grader — August 2014 - May 2015
University of Arkansas, CSCE Department, Fayetteville, AR
- Facilitated coursework for professors in computer science and computer engineering courses.
- Graded tests, assignments, and facilitated discussions with 60-70 students each semester.
- Provisioned timely feedback and progress documentation on course work.

Academic Tutor — August 2014 - January 2016
University of Arkansas, Bogle Academic Center, Fayetteville, AR
- Tutored subjects within mathematics, statistics, information systems, and computer science courses.
- Taught a deep understanding of material in a variety of visual and audible procedures.
- Assured the student of his/her academic abilities with a positive and enthusiastic attitude.

Programmer Analyst Intern   June 2014 - August 2014
FedEx Services, World Tech Center, Collierville, TN
- Participated in an agile project utilizing scrum.
- Devised with a team of interns presented and demonstrated project to senior executives and directors.
- Incorporated cross platform mobile software to send push notifications from Azure cloud for iOS, Android, and WinPhone for the thousands of global FedEx support personnel integrated with existing FedEx automated devices that account for 50% of shipping volume on peak days.

LEADERSHIP EXPERIENCE

Secretary, Association for Computing Machinery, University of Arkansas, Fayetteville, AR   May 2014-May 2015
- Organized company recruiters and other major events throughout the year for the student body.
- Coordinated advertising and public relations for these events

Public Relations Officer, Math Club, University of Arkansas, Fayetteville, AR   August 2012-May 2013
- Coordinated advertising and public relations for weekly events and guest speakers.

TECHNICAL SKILLS

Familiar:
- C++
- Swift
- Visual Studio
- Mobile Development
- Computer Forensics
- Kali Linux
- MongoDB
- Celery
- SQS (AWS)

Experienced:
- *Python*
- *JAVA/C#*
- *Apache Spark / PySpark*
- *Cloud Computing*
- *Cloudera (CDH)*
- *Hadoop / HDFS*
- *Hbase / NoSQL*
- *Solr / Cloudera Search*
- *Apache Kafka*

- *Machine Learning*
- *Server Administration*
- *Automation Integration*
- *HTML/PHP*
- *Bootstrap Framework*
- *Web Development*
- *Windows/Linux/Mac*
- *Computer Networking*
- *Azure / AWS Web Services*

HONORS & AWARDS

- Achievement of Area of Study in Information Assurance 2017
- University of Arkansas ACM Hackathon Spring 2017 1st Place Team
- FedEx Director's Choice Award 2014
- FedEx Customer Focus Award 2014
- FedEx People's Choice Award 2014
- NACURH Top 40 Program 2013
- Freshman of the Year Finalist 2012