

CONNOR P. ADAMS

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 Chico, CA 95926


 Haskell

 connor-adams-bb3b37189

EXPERIENCE


Blink

Personal Project

-  Completed (Public)
- OpenCV-based CCTV alternative that minimizes memory requirements and features a HC classifier for object recognition
 - Utilizes threading, SSIM, PSNR, and flat thresholded difference for matrix comparison operations


PyAI

Collaborative Project

-  Ongoing (Available upon request)
- Implements PRISM, ID3, C4.5, and other basic AI algorithms
 - Plans are to include clustering and other unsupervised learning techniques with minor visualization GUI using Qt


WiScan

Personal Project

-  Ongoing (Private)
- Scans all available access points and gathers information about the surrounding networks
 - Uses basic port-scanning and network security techniques to check for any vulnerabilities/CVE's
 - Analyzes results in R and generates a report that outlines any security issues it found


ShortFTP

Personal Project

-  Completed (Public)
- Transfers files using sockets with minimal resource consumption
 - Implemented SHA1 verification, automatic testing, and specialized event logging


National Cyber League 2019

Security Competition

-  Completed – Gold Division (ID: 9GA6P54HUBPM)
- Placed in 'Gold' division for individual game based on performance in pre-season
 - Gained valuable experience with security techniques and tool usage used in industry settings

SmartCCTV

Collaborative School Project

-  Completed (Available upon request)
- Recording software that saves only 'human events' built with human recognition and a Qt UI system meant for easy interaction for the end user
 - Leverages low-level system calls to efficiently use resources

OBJECTIVE

Student seeking for opportunity to expand horizons in an industry setting where I can apply my knowledge and learn new skills.

ACHIEVEMENTS



Education

Rose to a 3.6 local GPA in my first semester at CSU Chico



Community

Frequent blood-donor for over 5 years



Experience

Proud member of CSUC's Association for Computing Machinery (ACM) branch, which is focused on improving skills and competitive programming

STRENGTHS

System Administration

IPS Usage

Data parsing

Automated Testing

AGILE

LaTeX Documentation

PyTorch Basics

Applied R-CNN basics

Computer Vision

Statistical Modeling

Dynamic Programming

Algorithm Design

LANGUAGES

C/C++	★	★	★	★	★
Go	★	★	★	★	★
Rust	★	★	★	★	★
Python	★	★	★	★	★
Bash	★	★	★	★	★
R	★	★	★	★	★
Javascript	★	★	★	★	★

EDUCATION

A.S. in Computer Science

Sierra College

 December 2018

B.S. in Computer Science

California State University, Chico

 January 2019 - Current