

PAWAN CHANDRA

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EDUCATION

California State University, Sacramento

Sacramento, CA

- ❖ **B.S.** - Computer Science (GPA 3.3)
- ❖ **Certificate**, Information Assurance and Security (CNSS 4011 4012)
 - Relevant Courses: Cryptography, Attacks and Countermeasures, and Digital Forensics

Grad Date: Dec 2019

SKILLS

Languages: Java, Bash-Script, C/C++, Python, XML, Kotlin, React, PERL, SQL

Tools and OS: Android Studio, Matlab, Wireshark, Git, Tableau, Linux

INTERNSHIP

California Environmental Protection Agency

Sacramento, CA

Student Intern

Jul 2017 – Jul 2018

- ❖ Diagnosed and troubleshoot computing and networking errors.
- ❖ Reimage laptops, tablets, and desktops.
- ❖ Managed customer's IT related issues through the ticketing system
- ❖ Promoted to procurement and Introduced to FiSCAL and introductory accountancy.
- ❖ Create bids for hardware and software technologies for all CalEPA branches

PROJECTS

DuplicAgent Insurance Website

Jan 2019 – Dec 2019

- ❖ Implemented the Contact Agent requirement for the DuplicAgent Insurance website.
- ❖ Wrote frontend in React and backend in Python/Django.
- ❖ Practiced Agile Scrum methodology using product backlogs, sprint backlogs, and biweekly sprints.
- ❖ My program passed user credentials and sent emails to available agents using Django and react APIs.

Student Attendance Tracker

Jun 2017 – Aug 2017

- ❖ Developed a web application to reduce the time taken for attendance.
- ❖ Developed frontend and backend in Java, designed web pages using XML
- ❖ Utilized Google Sheet API to update professor's attendance spreadsheet.
- ❖ Published the application with the Apache Tomcat server with secured geolocation methodology.

Video Processor

Jan 2016 – May 2016

- ❖ Created a functional video player capable of loading any video file type using Matlab.
- ❖ Used handles to pass image-frame to create a slow motion, play, pause, skip, rewind, forward effect.
- ❖ Used 2D Arrays to create a histogram and color saturation changer.
- ❖ Application turns dark to simulate theater mode and opens user file browser to select a video.

ORGANIZATIONS

Association for Computer Machinery (ACM)

- ❖ Working on a semester long Hackathon project that help students become more social.

International Collegiate Programming Contest (ICPC)

- ❖ Finished in 12th place out of 40 at my University. I was in charge of breaking down problems while my friends coded.