JAKE LAWRENCE

jake.lawrence24@gmail.com • linkedin.com/in/c-lawrence/ • Philadelphia, PA • (207) 713 - 5171

EDUCATION

Temple University • College of Science and Technology • Honors College

B.S. in Computer Science   *Anticipated Graduation:* December 2019

Major GPA: 3.84/4.0 • **Overall GPA:** 3.74/4.0 • **Dean's List**

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C, Bash, HTML, CSS, Matlab

Technologies: SQL, MongoDB (NoSQL), Flask, React, NodeJS, Git, Linux, Bootstrap, JQuery

Relevant Coursework: Data Science, Operating Systems, Data Structures and Algorithms, Software Design, Microservice Architecture, Computer Vision, Linear Algebra

EXPERIENCE

TBG Security   **Software Engineering Intern**   *Summer 2017 – Fall 2018*

- Developed a web application to enable remote administration and auditing of internal and client systems
- Developed a REST API to remotely control virtual machines and execute commands. Built with Python using Flask and SQLAlchemy
- Wrote and deployed an internal hardening and auditing script to all internal virtual machines and penetration testing machines

Temple University   **Undergraduate Researcher**   *Spring 2019 – Present*

- Re-designed an existing web interface for a nationally used platform, TraffickCam, that fights against human trafficking through the use of Computer Vision
- Completed Stanford University Computer Vision coursework and various Computer Vision related assignments

Hack4Impact – Temple   **Co-Founder / Developer**   *Fall 2018 – Present*

- Co-Founded Temple University's Hack4Impact Chapter, an organization that develops software for non-profit organizations that meets important humanitarian needs
- Lead a development team that created a full stack web application with React and NodeJS which enabled users to strengthen skills in regard to financial loans

President   **TUDev**   *Summer 2017 - Present*

- Organize hackathons such as Local Hack Day and OwlHacks
- Coordinate club meetings and presentations designed to teach more about Computer Science to club members
- Developed HackPack, a centralized web application that provides hardware for hundreds of students in TUDev (*https://hackpack.tudev.org*)

Temple University   **Teaching Assistant**   *Spring 2019 - Present*

- Lead weekly lab sessions for students enrolled in CIS 3207 – Operating Systems
- Held office hours, revised lab concepts, and helped students understand the material
- Assisted faculty in the grading of lab assignments