

JAKE LAWRENCE

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EDUCATION

Temple University • College of Science and Technology • Honors College

B.S. in Computer Science

Anticipated Graduation: May 2020

Major GPA: 3.9/4.0 • Fall 2016, Spring 2017, Spring 2018 Dean's List

EXPERIENCE

Software Engineering Intern

TBG Security

Summer 2017 – Present

- 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
- Conducted security audits on internally developed applications to ensure a high level of security and defend against various cyber attacks

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

President

TUSec

Spring 2018 – Present

- Orchestrate meetings and design presentations to aid club members in learning more about Information Security
- Present and demonstrate various Information Security topics to club members

TECHNICAL SKILLS

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

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

Relevant Coursework: Operating Systems, Data Structures and Algorithms, Program Design

PROJECTS

TUDev HackPack: A centralized web application that provides hardware for projects at no cost to the user. The site is live at hackpack.tudev.org. Full-stack application built with *Python, MongoDB, HTML, CSS, and JavaScript*.

ScriptTube: Winner of “Best Time Saver” at HackNY Spring 2017. A web application that transcribes an indexed summary of a provided video to limit the time needed for information consumption. Built with *Python, HTML, CSS, and JavaScript*.