JAKE LAWRENCE

jake.lawrence@temple.edu | jlawrence.co | github.com/lawja

EXPERIENCE / ACTIVITIES

MAY 2017 – AUG 2017

SOFTWARE ENGINEERING INTERN
TBG SECURITY

- Created a RESTful API to remotely control virtual machines and execute commands. Built with Python using Flask and SQLAlchemy.
- Created a web application that utilizes the functionality of the RESTful API to provide a centralized interface for organizing customer data for penetration testing. Built with HTML, CSS, Javascript, Bootstrap, Python, Flask, and MongoDB.
- Conducted security audits on internally developed applications to ensure a high level of security and prevent cyber attacks

JUL 2017 – PRESENT

VICE-PRESIDENT
TUDEV

- Assist in the organization of the hackathons Local Hack Day and OwlHacks
- Coordinate club meetings and presentations designed to teach more about CS to club members

DEC 2016 - PRESENT

VICE-PRESIDENT
TUSEC

- Coordinate meetings and presentations to help club members dive deeper into Information Security
- Present various Information Security topics to club members

SKILLS

Python	C	NoSQL	CSS	JQuery	Flask
Java	SQL	HTML	Javascript	Git	Bootstrap

PROJECTS

ScriptTube
github.com/lawja/scripttube

- *Winner of Best Time Saver, HackNY, NYU (2017)*
- Developed a website that transcribes an indexed summary that links to topics covered in YouTube videos
- Built with HTML, CSS, Javascript, Bootstrap, Python, Flask

TUDev Hardware Checkout
hardware.tudev.org

- A centralized web application for checking out and requesting hardware for various side projects
- Built with HTML, CSS, Javascript, Bootstrap, Python, Flask, and MongoDB

EDUACTION

Temple University • College of Science and Technology
B.S. in Mathematics and Computer Science *Anticipated Graduation: May 2020*
GPA: 3.91 / 4.0 **• Fall 2016, Spring 2017 Dean's List**
Coursework: Data Structures, Program Design and Abstraction, Discrete Mathematics, Linear Algebra, Computer System and Low-Level Programming, Calculus I-III