

# JAKE LAWRENCE

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## EDUCATION

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**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

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### **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

### **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

### **Co-Founder**

### **Hack4Impact Chapter – Temple**

*Fall 2018*

- Co-Founded Temple University's Hack4Impact Chapter, an organization that develops software for non-profit organizations that meets important social and humanitarian needs

## TECHNICAL SKILLS

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**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

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**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](http://hackpack.tudev.org). A 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*.