

# JAKE LAWRENCE

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## EDUCATION

Temple University • College Of Science And Technology • Honors College

B.S. in Mathematics and Computer Science

Anticipated Graduation: May 2020

GPA: 3.7 / 4.0 • Fall 2016, Spring 2017 Dean's List

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## WORK EXPERIENCE / ACTIVITIES

Software Engineering Intern

TBG Security

May 2017 – Present

- Developed 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 during 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

Vice-President

TUDev

July 2017 – Present

- Organize the hackathons Local Hack Day and OwlHacks
- Coordinate club meetings and presentations designed to teach more about computer science to club members

Vice-President

TUSec

December 2016 - Present

- Orchestrate meetings and design presentations to help club members dive deeper into Information Security
  - Present and demonstrate various Information Security topics to club members
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## SKILLS AND RELEVANT COURSEWORK

**Languages:** Python, Java, C, HTML, CSS, JavaScript

**Technologies:** SQL, NoSQL, Git, Linux, Flask, Bootstrap, JQuery

**Relevant Coursework:** Data Structures, Program Design and Abstraction, Discrete Mathematics, Linear Algebra, Computer System and Low-Level Programming, Calculus I-III

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## 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](http://hackpack.tudev.org). Full-stack application built with *HTML, CSS, JavaScript, Bootstrap, Python, Flask, and MongoDB*.

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