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# NATHANAEL HANSELL

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 nan1tech  
 NathanaelHansell

## EDUCATION

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**Temple University**  
**Philadelphia, PA**

**December 2021**

Bachelor of Science in Computer Science. GPA: 3.07  
Coursework Completed:

Software Design, Program Design & Abstraction, Web Application Programming, Computer Systems and Low-Level Programming, Data Structures & Algorithms, Operating Systems, Databases, Calculus 1&2, Probability & Statistics, Digital Forensics

## PROGRAMMING LANGUAGES AND TECHNOLOGIES

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- JavaScript, Python, Java, C, HTML, CSS, SQL
- Git, Linux, Agile, Object-Oriented Programming, Functional Programming, Oracle SQL Developer, MySQL

## TECHNICAL PROJECTS & HACKATHONS

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**Project: YouAuth**

**Oct 2020 – Dec 2020**

- Collaborated in a team of four to design and build a full-stack web application that used facial recognition to secure and expedite the login process
- Used **Node**, **Express** and **FaceAPI** to develop a node module that facilitates integration of facial recognition into the login system of any website
- Developed a full-stack web application with **React** and **MongoDB** to demo the integration of the YouAuth node module

**OwlHacks-Hackathon**

**April-2019**

- Won Lockheed Martin Best First Time Hack with project TechNFriends
- Collaborated in a team of five to combine Canvas and Slack to provide an easy and creative way to interact in the classroom
- Learned new technical concepts quickly and was able to adapt to change in project organization
- TechNFriends was built using **Python**, **JSON**, Canvas and Slack API

## WORK EXPERIENCE

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**Educational Assistant**

**Central Bucks School District**

**June 2016 – January 2019**

- Collaborated with teachers, specialists and coworkers to support students with autism in the classroom
- Helped students reach their academic goals using Applied Behavior Analysis
- Managed crisis situations with students by encouraging desired behavior through creative solutions

**Instructor**

**Hellfish MMA**

**2014 – Present**

- Lead classes in boxing, wrestling, Brazilian Jiu Jitsu and Judo for up to 25 students
- Apply strong verbal communication, time management, and leadership skills to present ideas to class
- Organize curriculum structure and adapt content to changes in student skill level

**Technical Support Specialist**

**Temple University Ambler Campus**

**July 2019 – Present**

- Maintain and troubleshoot all electronics on campus, including in computer labs, smart classrooms, faculty offices, and administration buildings
- Diagnose computer software and hardware problems, such as virus removal, connectivity, and wireless access
- Help faculty incorporate cutting-edge technology like 3D printing and virtual reality into their curricula