

# John Stroud

johnstroud701@gmail.com  
(469) 474-0788

<https://www.linkedin.com/in/john-stroud-181299196>

## EDUCATION

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**University of Pittsburgh**, Pittsburgh, PA — *B.S. in Computer Science, B.S. in Information Science*

- Graduated: April 2023; GPA: 3.59

## RELEVANT COURSEWORK

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- Algorithms and Data Structures
- Intro to Data Science
- Intro to Operating Systems
- Programming Languages for Web Applications
- Applied Cryptography and Network Security

## EMPLOYMENT & SKILLS

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**CERT Security & Vulnerability Analysis Intern for SEI CMU: January 2023 - May 2023**

- Build secure software front-end that interacts with the CVE API
- Collaborate on web development with other programmers for secure software
- Test modified web application changes with version control on GitHub

**Student Endpoint Technician: October 2021 - May 2023**

- Provide on-site technical support services to end users
- Diagnose and resolve issues related to hardware, software, and networks
- Deploy new hardware including imaging, configuration, and setup

### Programming Languages

- Java – Object Oriented Programming, Data Structures
- Python – Object Oriented Programming, Data Manipulation, Flask Server Backend
- JavaScript – Object Oriented Programming, Client-side Web-Applications
- HTML/CSS – Functional Websites
- C – Object Oriented Programming, Data Structures, Operating System
- SQL – Manipulating Databases

## RELEVANT EXPERIENCE & ACTIVITIES

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**CGI Inc: Jan. 2023 – April 2023**

- Worked on a small team to develop a machine learning pipeline in Azure Databricks. The team went through all stages of production including deploying an endpoint and hyperparameter tuning the model.