

Jordan Wilson

Information Technology

<https://jordanwilson.netlify.app>

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EDUCATION

Allegheny College, Meadville, PA
Bachelor of Science in Computer Science
Minor: Economics

Graduated: May 2021
Major GPA: 3.00/4.00

Senior Thesis: "Assessing Vulnerabilities using SQL Injection"

- Independent research project that was written and will be orally defended before a panel of department heads
- Identified how there are vulnerabilities with data on web applications

Academic Achievements

Trustee Scholar

Fall 2017 - Spring 2021

Relevant Coursework

Software Engineering, Databases, Algorithm Analysis, Programming Languages, Discrete Structures, etc.

PROGRAMMING PROJECTS

SQL injection - <https://github.com/Allegheny-Mozilla-Fellows/privacy>

- Created a SQL injection application this past summer that demonstrated the privacy issues associated with web applications.

Password Manager - <https://github.com/wilsonj24/passwordmanager>

- Created a Password Manager program that stores passwords for multiple websites allowing users to securely access the passwords associated with their personal accounts

Message Coder/Decoder - <https://github.com/wilsonj24/Message-Coder-Decoder>

- Class-designed project where I developed an encoder and decoder program in Python using RSA public/private keys and caesar-ciphers

Openstack Web App - <https://github.com/wilsonj24/Cloud-Computing>

- Created a web application using the Openstack cloud computing software

PC Builder - <https://chproject.netlify.com/>

- A class-designed project where I created a website using JavaScript and CSS to educate people about the possible parts one can use to build a PC
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SKILLS

- SQL
- Python
- Java
- C
- Flask/Django
- Linux/Mac/Windows OS
- Github
- AWS/Openstack (Cloud Computing)
- LaTeX
- HTML
- JavaScript
- CSS
- Git
- Selenium
- Azure
- MongoDB
- Microsoft Office

INFORMATION TECHNOLOGY EXPERIENCE

QA Engineer, Infovisa

August 2021 - Present

- Write test cases against financial accounting software
- Work through User Stories to create tasks of what needs to be done
- Collaborate with DevOps team to ensure the application is running smoothly and see what problems need addressing
- Have weekly meetings with business and Dev team to ensure production is on schedule

Mozilla Ethics Leader, Computer Science Department, *Allegheny College*

Summer 2020

- Assisted professor in creating labs that demonstrate the importance of privacy and security
- Simulated a cyberattack using SQL Injection to bypass security of the developed web application modeled after a bank website

ADDITIONAL WORK EXPERIENCE

Building Monitor, Computer Science Department, *Allegheny College*

Spring 2021

- Responsible for ensuring a safe learning environment by monitoring students' mask wearing when entering building and engaging in learning spaces, such as classrooms and meeting rooms

Sports Camp Instructor, WakeMed Soccer Park, *Cary, NC*

June 2019 - August 2019

- Served as a head junior coach of 10-12 kids aged 6-12 managing and leading interactive practices and games against other teams
- Created a fun, welcoming environment encouraging players to engage in physical activities and team-building without the sole focus of competitive winning

EXTRACURRICULAR

Center Mid, Men's Soccer Team, *Allegheny College*

Fall 2017 - Spring 2021

- Prior to COVID, played center mid position on soccer team of 35 individuals
- Actively participated in team-building and strengthening activities including weekly workouts, film review, and walkthroughs