

Jacob Slagle

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EDUCATION

University of Louisiana at Lafayette

May 2023

Bachelor of Science - Computer Science, Concentration in Cybersecurity

- Cumulative GPA: 3.1
- Honor's Society: 2018 - 2020
- Dean's List: 2023

TECHNICAL SKILLS

Languages Proficient in: Java, Python

Experience in: C++, SQL, JavaScript (ES6+)

Exposure to: HTML, CSS

Developer Tools: Git, Spring Boot, Docker, Cypress.io

RELEVANT EXPERIENCE

PetHaven (CGI Project)

Lead Java Developer, 2023

- Technologies Used: Java, SpringBoot, JavaScript, HTML/CSS, Stripe API, GitHub, Jira
- Goal: Create a web application to collect donations for a generic non-profit client
- Used Spring to create the web application and integrated Stripe API through a custom payment page
- Presented final product to clients at CGI and provided a live tech demo

Unknown Cyber, Inc.

June 2022 – August 2022

Software Engineer Intern, 2022

- Technologies Used: Cypress.io, JavaScript, Confluence, Jira, Bitbucket, Slack
- Responsible for writing automated tests in JavaScript using Cypress
- Utilized Jira for managing tickets and updating task progress
- Wrote detailed documentation for future onboarding development environment set up

Software Methodology

Software Developer, 2022

- Technologies Used: Django (Python), JavaScript, GitLab CI/CD, Heroku, Bootstrap
- Goal: Create audio sharing social media website for artists
- Used agile software methodologies for planning, implemented using the Python-based Django framework, tested with GitLab CI/CD, and deployed with Heroku
- Responsible for website design and implementation of uploading and displaying audio files

Virtual Memory Implementation

Software Developer, 2021

- Technologies Used: C/C++, Shell Scripting, Linux (VirtualBox), GitHub
- Responsible for team management, implementation of a memory management system to mark free bits on the hard drive for serializing pages of program code, and ensuring programs can run on virtual memory through manual testing
- Reviewed team members' code to search for possible issues and provide clear feedback when needed
- Responsible for writing, debugging, and documenting code to ensure clear communication between all team members