ANDREW COURT

Computer Science Student

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SUMMARY

Highly motivated computer science student seeking a software engineering or product management internship. Proficient in Python, Java, mySQL, Flask, HTML, CSS, and JavaScript, with a strong academic record and hands-on experience in developing software applications. Experienced in using Git/Github for version control and collaborating on software projects, as well as utilizing white-box and black-box testing methodologies in previous software development work. Also familiar with the software development cycle through coursework and hands-on experience. Excited to leverage these skills and knowledge to make meaningful contributions as an intern in a software engineering or product management role.

PROJECTS

Own My Home — Web Application

University of North Carolina Wilmington

📅 01/2023 - 2023   📍 Wilmington, NC

A user-friendly web platform that simplifies the home buying process with personalized property recommendations and easy-to-follow buying guides.

- Collaborated with a team of developers to build a comprehensive and user-friendly web application for simplifying the home buying process using Flask, HTML, CSS, JavaScript, and Jinja2
- Implemented the User Component of the project following the Software Development Life Cycle (SDLC) and was responsible for allowing users to create new accounts, log into their accounts, request a password reset, and reset their password
- Designed and developed web pages for Sign Up, Login, Password Reset Request, and Password Reset, ensuring proper form validation for each feature and utilizing white-box testing
- Utilized SQL Alchemy to implement a User model in the database, as well as PyJWT for creating password reset tokens and storing them in the database with token expiration

Multi-Path Data Transmission to Protect Data in Transit

University of North Carolina Wilmington

📅 08/2021 - 12/2021   📍 Wilmington, NC

- Developed a Python-based project to facilitate multi-path data transmission over Wi-Fi and Hotspot networks, aimed at preventing unauthorized network attacks
- Collaborated with a professor to implement raw socket programming and packet manipulation using Scapy, achieving a high level of technical proficiency
- Conducted packet crafting, network activity monitoring, and network switching to send individual packets of data, demonstrating a strong understanding of network protocols and data transmission
- Composed a comprehensive research paper documenting the project's implementation, outcomes, and potential applicability highlighting the critical need for continued advancement in network security

WORK EXPERIENCE

Client Experience Agent

Stitch Fix

📅 10/2020 - 04/2021

Successfully resolved high volume of client inquiries while improving workflow processes to enhance customer satisfaction and reach performance goals.

SKILLS

Python   Java   HTML   CSS

Javascript   MySQL   Flask   jQuery

Web Development   Slack

EDUCATION

B.S. Computer Science

University of North Carolina Wilmington

📅 01/2021 - 12/2023   Wilmington, NC

GPA
3.57 / 4.0

B.A. Psychology

University of North Carolina Wilmington

📅 08/2011 - 05/2015   Wilmington, NC

STRENGTHS

♦ Problem-solving

Good at overcoming drawbacks and solving problems in an innovative and fast way.

⚙ Code Debugging

Proficient in troubleshooting and debugging software code to optimize functionality and per formance.

💡 Curiosity

Eager to expand my knowledge of SDLC and learn new technology stacks, with a strong commitment to ongoing learning and collaboration with peers to continuously improve my skills.

📊 Analytical

Adept at utilizing data analysis and visualization tools to enhance software performance and user experience.

💬 Communication

Strong communication skills allow me to clearly convey complex technical ideas to team members and others, enabling efficient and effective collaboration throughout the development process.