

Chad Computer

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EDUCATION

University of Tennessee, Knoxville, Tickle College of Engineering
Bachelor of Science, Computer Science
Major GPA: 3.84/4.00

Knoxville, TN
May 20XX

RELEVANT COURSEWORK

Software Engineering, Mobile Software Development, Simulation and Modeling, Database Management, Compilers

TECHNICAL SKILLS

Programming: Python, Java, C, C++, SQL

Web: JavaScript, HTML, CSS

Systems: Linux, Unix, Windows

Tools: Git, Pandas, Matplotlib

Databases: SQL Server, Oracle, MS Access

TECHNICAL EXPERIENCE

Software Engineering Intern

August 20XX - Present

Oak Ridge National Laboratory (ORNL)

Knoxville, TN

- Develop and tested Python scripts to automate data processing, reducing manual workload by 30%
- Build and debug features for a web-based research tool using JavaScript in a team-based development environment
- Manage version control using Git and contributed to code reviews to improve code quality and team efficiency
- Analyze and visualize large datasets using Pandas and Matplotlib to generate actionable insights

Unix Administrator Assistant

Summer 20XX

University of Tennessee, Knoxville – Office of Information Technology (OIT)

Knoxville, TN

- Operated Linux and Unix-based systems (Red Hat, Ubuntu) to support file transfers across development and testing environments
- Created and managed user accounts, permissions, and access controls using command-line tools to maintain system security
- Configured workstations and deployed software for faculty, staff, and student users
- Monitored system performance and troubleshoot issues to ensure uptime and system reliability
- Collaborated with IT staff to maintain secure and stable system operations

PROJECT EXPERIENCE

Web Programmer

Summer 20XX

Humane Society of the Tennessee Valley

Knoxville, TN

- Led a team project to design and develop a database to track animal adoptions and improve record management
- Developed a user interface using Visual Basic to enhance usability and streamline data entry
- Built an interactive website using HTML, CSS, and JavaScript to support user engagement and accessibility
- Deployed project deliverables for a real client, supporting the organization's online presence

LEADERSHIP

Pi Kappa Alpha Fraternity, Alpha Mu Chapter

Knoxville, TN

Risk Manager

September 2024 - Present

- Enforce compliance with university and chapter safety policies for 85 members
- Address policy violations and implemented accountability measures to support a safe environment
- Plan and facilitate two educational programs per semester focused on risk prevention and member safety
- Collaborate with chapter leadership to promote a safe and responsible member experience

Treasurer

September 20XX – 20XX

- Managed a \$55,000+ budget, allocating funds to support chapter operations
- Processed transactions and tracked expenses to maintain accurate financial records