

Joshua Kearney Wright

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The University of Tennessee, Knoxville, Tickle College of Engineering
Bachelor of Science in **Computer Science** and **Mathematics**
Year: Senior

Knoxville, Tennessee
Graduation: May 2023
GPA: 3.90

Education

Computer Science:

- Courses in **Operating Systems** utilizing **C**
 - Class projects covered **Threading**, **Process Creation**, **OS Tools**, Memory Allocation, and File Systems
- Course in **Cybersecurity**
 - Class Projects covered System Security, Network Security, and Web Security
- Courses in **Data Structures** and **Algorithms**
 - Utilizing **NASM**, **C**, **C++**, **Java**, and **Python**

Professional Experience

Cisco Systems - Internship

Raleigh, NC

Technical Undergraduate Intern

May 2022 - August 2022

- Implemented **automated daily sanity testing** system for one of Cisco's **Spitfire** routers
- **Updated** Cisco's asr9k **critical infrastructure** test scripts to work on Cisco's 8000 Series routers utilizing a proprietary in house python library

Pilot Company - Internship

Knoxville, TN

Software Development Intern

May 2021 - May 2022

- Worked on a **Full Stack DevOps** team to design, create, and implement innovative solutions for critical company applications
- Utilized the **ASP.Net MVC4** Design pattern using **C#**, **SQL**, **HTML**, **CSS**, and **Javascript**
- Became well practiced in the **SOLID Principles** of C#, Test Driven Development, the Data Access Object Experience, and object-oriented design
- Projects Include:
 - **Building an API** for database queries, parse / build XML files, and display info in the UI
 - **Building Two New Web Pages** including both data access functionality and the UI to create, edit, and delete sets of suppliers

Parke Company

Belle Meade, TN

Employee

July 2020 - August 2020

- Tree/Branch/Stump removal from private residences and city

Delivery Dudes

Franklin, TN

Independent Contractor

June 2019 - August 2019

- Processed orders and handled relations between customers and restaurants

Leadership

Eagle Scout, Boy Scouts of America

Nashville, TN

Senior Patrol Leader

June 2017 - June 2018

- Planned and lead trips, meetings, camps, instructional classes, and service projects

University of Tennessee Knoxville - Toastmasters Club Officer

Knoxville, TN

Sergeant at Arms

December 2019 - December 2020

- Handled club materials, logistics, and helped others with speeches