

Han Berdiyev

Mississippi State, MS 39762

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Willing to relocate: Anywhere

Work Experience

Undergraduate Research Assistant

Department of Electrical & Computer Engineering - Starkville, MS

January 2022 to Present

- Assisted with software based 5G/6G security tests using user equipment provided by the Office for Naval Research
- Evaluated srsRAN within a Linux development and production environment
- Tested and help set up Amarisoft's CallBoxPro, a 5G base station

Resident Advisor for Ruby & Hurst Hall

Mississippi State University Housing and Residential Life - Starkville, MS

August 2021 to Present

- Performed administrative tasks and communicated regularly with administration of on-going issues and provided solutions for residents
- Helped foster a sense of community for residents by organizing events and facilitating communication between said residents
- Collaborated with a team of 20 other Resident Advisors to ensure the physical and mental wellbeing of 450 residents across two residences

Information Tech Technician

Mississippi State University Foundation - Starkville, MS

May 2021 to August 2021

- Helped faculty and staff troubleshoot issues with both software and hardware on Windows, Android, Mac, and iOS
- Fielded help desk tickets to help ensure a quick turnaround for resolution to technical issues
- Helped carry out processes to keep software up to date on machines
- Kept inventory of over 300 devices across 70 faculty and staff members

Undergraduate Research & Lab Assistant

Paul B. Jacob High Voltage Laboratory - Starkville, MS

January 2021 to August 2021

- Aided in a wide array of experiments involving high voltage equipment
- Maintained system and component capabilities through rigorous testing, while tracking cutting-edge trends, searching for ways to improve functionality and efficiency, and implementing appropriate segments to keep production methods current
- Visualized the emission of light using a high voltage impulse generator
- Utilized C lang to program Arduino board to interface with GPS and Optical

Detectors

- Maintained the laboratory, ensured new and old devices were safe to be used, and helped organize lab equipment

Computer Specialist

Mississippi State University Housing and Residence Life - Starkville, MS

October 2020 to March 2021

- Installed, configured, and supported workstation software, hardware, printers, and phones
- Implemented and monitor daily backup and recovery procedures
- Served as the subject matter expert supporting MAC OSX, Windows, and all common office software and applications, such as Office 365, Total Card, G-Suite products
- Implemented applications and software upgrades, as well as performance troubleshooting

Information Technology Assistant

Garden City Community College - Garden City, KS

September 2018 to August 2020

- Managed all software and hardware issues for students, faculty, and staff throughout the 2,000-student campus
- Kept the machine imaging process up to date by creating new images for machines, along with tracking that installed software was up to date
- Liaison between Director of IT and wider faculty and staff audience

Education

Bachelor of Science in Computer Engineering

Mississippi State University - Starkville, MS

May 2020 to May 2023

Skills

- C++
Python
C
VHDL
Assembly Lang
HTML/HTTP
SQL
TOOLS
Microsoft Office365
MATLAB
Visual Studio
Git
Windows
Linux (Ubuntu)
AutoCAD
Photoshop
Mathematica
SOLIDWORKS
FPGA
- User Interface (UI)
- Android
- Computer Science

- XML

Links

<http://LinkedIn.com/in/han-berdiyev>

Awards

ANT

May 2021

Design Class winner at Electrical Engineering department.

<https://www.ece.msstate.edu/ece-presents-spring-2021-design-awards/>

Certifications and Licenses

All-State Academic Team

Present

Phi Theta Kappa Honor Society